

LAMPIRAN A

CODING PROGRAM

Kode dalam F_UTAMA

```
unit U_MenuUtama;
interface
uses
  Windows, Messages, SysUtils, Variants, Classes, Graphics, Controls, Forms,
  Dialogs, Menus, ComCtrls, DB, IBDatabase, IBCustomDataSet,
  IBTable, ExtCtrls, StdCtrls;
type
  TF_Utama = class(TForm)
    Timer1: TTimer;
    StatusBar1: TStatusBar;
    Panel1: TPanel;
    Label1: TLabel;
    Label2: TLabel;
    panwaktu: TPanel;
    MainMenu1: TMainMenu;
    AdministrasiUser1: TMenuItem;
    Logoff1: TMenuItem;
    GantiPassword1: TMenuItem;
    HapusUser1: TMenuItem;
    TambahUser1: TMenuItem;
    Transaksi1: TMenuItem;
    PenjualanBarang1: TMenuItem;
    Pembelianbarang1: TMenuItem;
    Laporan1: TMenuItem;
    Laporanpenjualan1: TMenuItem;
    LaporanPembelian1: TMenuItem;
    RekapStok1: TMenuItem;
    Basisdata1: TMenuItem;
    Customer1: TMenuItem;
    Supplier1: TMenuItem;
    Barang1: TMenuItem;
    Keluar1: TMenuItem;
    Kurs1: TMenuItem;
    PesanBarangJual1: TMenuItem;
    PesanBarangBeli1: TMenuItem;
    ReturBeli1: TMenuItem;
    ReturJual1: TMenuItem;
    TUser: TIBTable;
    TUserUSERNAME: TIBStringField;
    TUserPASSWORD: TIBStringField;
    TUserTINGKAT: TIBStringField;
    TUserAKSES: TIBStringField;
    IBDatabase1: TIBDatabase;
    IBTransaction1: TIBTransaction;
    dsuser: TDataSource;
    edakses: TEdit;
    procedure Keluar1Click(Sender: TObject);
```

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procedure Supplier1Click(Sender: TObject);
procedure Barang1Click(Sender: TObject);
procedure Customer1Click(Sender: TObject);
procedure Timer1Timer(Sender: TObject);
procedure PesanBarangJual1Click(Sender: TObject);
procedure PesanBarangBeli1Click(Sender: TObject);
procedure Pembelianbarang1Click(Sender: TObject);
procedure PenjualanBarang1Click(Sender: TObject);
procedure ReturBeli1Click(Sender: TObject);
procedure ReturJual1Click(Sender: TObject);
procedure Kurs1Click(Sender: TObject);
procedure Laporanpenjualan1Click(Sender: TObject);
procedure LaporanPembelian1Click(Sender: TObject);
procedure RekapStok1Click(Sender: TObject);
procedure Logoff1Click(Sender: TObject);
procedure GantiPassword1Click(Sender: TObject);
procedure HapusUser1Click(Sender: TObject);
procedure TambahUser1Click(Sender: TObject);
procedure FormCreate(Sender: TObject);
procedure FormShow(Sender: TObject);
private
  { Private declarations }
  Suser,Spass,Stingkat:String;
  procedure Cekmenu(Level:string);
public
  { Public declarations }
end;
var
  F_Utama: TF_Utama;
implementation
uses U_Supplier, U_Barang, U_Customer, U_PesanJual, U_PesanBeli,
  U_Pembelian, U_Penjualan, U_ReturBeli, U_ReturJual, U_Kurs,
  U_LaporanJual, U_LaporanBeli, U_RekapStok, U_Login, U_Gantipass,
  U_Deluser, U_Adduser;
{$R *.dfm}
procedure TF_Utama.Keluar1Click(Sender: TObject);
begin
close;
end;
procedure TF_Utama.Cekmenu(Level:String);
begin
  //menu utama
basisdata1.Enabled :=false;
Transaksi1.enabled:=false;
Laporan1.enabled:=false;
//menu administrasi
Gantipassword1.Enabled:=false;
TambahUser1.enabled:=false;
HapusUser1.Enabled :=false;
if level='Penjualan' then
begin

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Gantipassword1.enabled:=true;
basisdata1.Enabled := true;
transaksi1.Enabled := true;
kurs1.Enabled:=false;
end;
if level='Administrator' then
begin
Gantipassword1.Enabled := true;
TambahUser1.enabled:=true;
HapusUser1.Enabled :=true;
basisdata1.Enabled := true;
transaksi1.Enabled := true;
Laporan1.enabled:=true;
kurs1.enabled := true;
end;
//tidak login
if (level='nolevel') or(level='') then
begin
logoff1.caption:='&Log On';
end;
end;

procedure TF_Utama.Supplier1Click(Sender: TObject);
begin
F_Supplier.showmodal;
end;

procedure TF_Utama.Barang1Click(Sender: TObject);
begin
F_Barang.showmodal;
end;

procedure TF_Utama.Customer1Click(Sender: TObject);
begin
F_Customer.showmodal;
end;

procedure TF_Utama.Timer1Timer(Sender: TObject);
begin
panwaktu.caption := FormatDateTime('dddd,dd mmmm yyyy (hh:mm:ss)',Now);
if EdAkses.Text[1]='1'then
Customer1.Enabled := True
else
Customer1.Enabled := false;
if EdAkses.Text[2]='1'then
Supplier1.Enabled := True
else
Supplier1.Enabled := false;
if EdAkses.Text[3]='1'then
barang1.Enabled := true
else

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barang1.Enabled := false;
if EdAkses.Text[4]='1'then
begin
Pembelianbarang1.Enabled := True;
PesanBarangBeli1.Enabled := true;
ReturBeli1.Enabled := True;
end
else
begin
Pembelianbarang1.Enabled := False;
PesanBarangBeli1.Enabled := False;
ReturBeli1.Enabled := False;
end;
if EdAkses.Text[5]='1'then
begin
Penjualanbarang1.Enabled := True ;
PesanBarangJual1.Enabled := True ;
ReturJual1.Enabled := True;
end
else
begin
Penjualanbarang1.Enabled := False;
PesanBarangJual1.Enabled := False;
ReturJual1.Enabled := False;
end;
end;

procedure TF_Utama.PesanBarangJual1Click(Sender: TObject);
begin
F_PesanPenjualan.showmodal;
end;

procedure TF_Utama.PesanBarangBeli1Click(Sender: TObject);
begin
F_PesanPembelian.showmodal;
end;

procedure TF_Utama.Pembelianbarang1Click(Sender: TObject);
begin
F_Pembelian.showmodal;
end;

procedure TF_Utama.PenjualanBarang1Click(Sender: TObject);
begin
F_Penjualan.showmodal;
end;

procedure TF_Utama.ReturBeli1Click(Sender: TObject);
begin
F_Returnbeli.show;
end;

```

```

procedure TF_Utama.ReturJual1Click(Sender: TObject);
begin
F_returjual.show;
end;

procedure TF_Utama.Kurs1Click(Sender: TObject);
begin
if F_Kurs=nil then
F_Kurs:=TF_Kurs.create(self);
F_Kurs.showmodal;
end;

procedure TF_Utama.Laporanpenjualan1Click(Sender: TObject);
begin
F_Laporanjual.showmodal;
end;

procedure TF_Utama.LaporanPembelian1Click(Sender: TObject);
begin
F_LaporanBeli.show;
end;

procedure TF_Utama.RekapStok1Click(Sender: TObject);
begin
F_RekapStok.showmodal;
end;

procedure TF_Utama.Logoff1Click(Sender: TObject);
var i:integer;
begin
if logoff1.Caption = '&Log On' then
begin
if F_login.showmodal = mrOK then
begin
statusbar1.Panels[3].text :=";
statusbar1.Panels[5].text :=";
if TUser.Locate('Username',F_login.eduser.Text,[locaseinsensitive]) then
begin
if Tuserpassword.value = F_Login.edpass.Text then
begin
Suser:= TuserUsername.value;
Spass:= TuserPassword.value;
Stingkat:= TuserTingkat.value;
Logoff1.caption:='&Log off';
CekMenu(Stingkat);
statusbar1.Panels[3].text :=Suser;
statusbar1.Panels[5].text :=Stingkat;
edakses.text:= TuserAkses.Value;
end

```

```

else
begin
cekmenu('nolevel');
showmessage('Maaf Password yang anda masukan salah!');
end;
end
else
begin
cekmenu('nolevel');
showmessage('Maaf Username anda tidak terdaftar!');
end;
end
else
begin
cekmenu('nolevel');
statusbar1.Panels[3].text :=";
statusbar1.Panels[5].text :=";
edakses.Text:='00000';
end;
end
else
begin
with F_Utama do
for i := MDIChildCount-1 downto 0 do
MDIChildren[I].Close;
Cekmenu('nolevel');
statusbar1.panels[3].text :=";
statusbar1.panels[5].text :=";
edakses.text:='00000';
end;
end;

procedure TF_Utama.GantiPassword1Click(Sender: TObject);
begin
F_Gantipass.eduser.text:= sUser;
if F_gantipass.showmodal=mrOK then
begin
if F_gantipass.edlama.text= SPass then
begin
if not(F_gantipass.edpass.text = F_gantipass.edconf.Text)then
begin
showmessage('Maaf Password anda tidak konsisten!');
end
else
begin
TUser.locate('Username',sUser,[locaseInsensitive]);
TUser.Edit;
TuserPassword.Value:=F_Gantipass.EdPass.Text;
TUser.Post;
end;
end
end

```

```

else
showmessage('Password lama anda salah!');
end;
end;

procedure TF_Utama.HapusUser1Click(Sender: TObject);
begin
F_Deluser.showmodal;
end;

procedure TF_Utama.TambahUser1Click(Sender: TObject);
begin
if F_adduser.showmodal=mrok then
begin
if not(F_adduser.eduser.text='') then
if not(F_adduser.edpass.text = F_adduser.edconf.text) then
begin
showmessage('maaf password anda tidak konsisten!');
end
else
begin
Tuser.insert;
TuserUsername.Value := F_adduser.eduser.text;
TuserPassword.Value := F_adduser.edpass.text;
TuserTingkat.Value := F_adduser.CBlevel.text;
TuserAkses.Value :=
F_adduser.Edit1.text+F_adduser.Edit2.text+F_adduser.Edit3.text+F_adduser.Edit4.text+F_ad
duser.Edit5.text;
Tuser.Post;
end;
end;
end;
procedure TF_Utama.FormCreate(Sender: TObject);
var f1:textfile;
    ip,lok:string;
begin
assignfile(f1,'database.txt');
Reset(f1);
readln(f1,ip);
readln(f1,lok);
closefile(f1);
IBdatabase1.Connected :=false;
IBdatabase1.DatabaseName :=ip+'!'+lok;
try
IBdatabase1.Open;
Tuser.Open ;
except
databaseError('Database tidak terkoneksi!');
abort;
end;
end;
end;

```

```

procedure TF_Utama.FormShow(Sender: TObject);
begin
Logoff1click(self);
end;
end.

```

Kode pada Datamodule1

```

unit U_DM;

interface
uses
  SysUtils, Classes, DB, IBCustomDataSet, IBQuery, IBDatabase, IBTable;
type
  TDataModule1 = class(TDataModule)
    IBDatabase1: TIBDatabase;
    Query1: TIBQuery;
    Query2: TIBQuery;
    dsSupplier: TDataSource;
    IBTransaction1: TIBTransaction;
    T_SUPP: TIBQuery;
    T_SUPPID_SUPP: TIBStringField;
    T_SUPPNAMA: TIBStringField;
    T_SUPPALAMAT: TIBStringField;
    T_SUPPEMAIL: TIBStringField;
    T_SUPPTELEPON: TIBStringField;
    dsBarang: TDataSource;
    T_BARANG: TIBQuery;
    T_BARANGKODE_BARANG: TIBStringField;
    T_BARANGNAMA: TIBStringField;
    T_BARANGKATEGORI: TIBStringField;
    T_BARANGSATUAN: TIBStringField;
    T_BARANGJUMLAH_BARANG: TIntegerField;
    T_BARANGHARGA_JUAL: TIntegerField;
    T_BARANGKODE_BARANG_INDUK: TIBStringField;
    T_BARANGJUMLAH_KONVERSI1: TIntegerField;
    dsCust: TDataSource;
    T_CUST: TIBQuery;
    T_CUSTID_CUST: TIBStringField;
    T_CUSTNAMA: TIBStringField;
    T_CUSTALAMAT: TIBStringField;
    T_CUSTEMAIL: TIBStringField;
    T_CUSTTELEPON: TIBStringField;
    T_PSNJUAL: TIBQuery;
    dsPsnJual: TDataSource;
    dsDPsnJual: TDataSource;
    T_DPSNJUAL: TIBQuery;
    T_PSNJUALNO_BON_PESAN: TIBStringField;
    T_PSNJUALID_CUST: TIBStringField;
    T_PSNJUALTANGGAL_PESAN: TDateField;

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T_PSNJUALTANGGAL_JATUH_TEMPO: TDateField;
T_DPSNJUALNO_BON_PESAN: TIBStringField;
T_DPSNJUALHARGA: TIntegerField;
T_DPSNJUALBANYAK_DIPESAN: TIntegerField;
T_DPSNJUALBANYAK_DITERIMA: TIntegerField;
T_DPSNJUALSTATUS: TIntegerField;
T_DPSNJUALKODE_BARANG: TIBStringField;
T_DPSNJUALNAMA: TStringField;
dsPsnBeli: TDataSource;
dsDPsnBeli: TDataSource;
T_PSNBELI: TIBQuery;
T_DPSNBELI: TIBQuery;
T_PSNBELINO_BON_PESAN: TIBStringField;
T_PSNBELIID_SUPP: TIBStringField;
T_PSNBELITANGGAL_PESAN: TDateField;
T_PSNBELITANGGAL_JATUH_TEMPO: TDateField;
T_DPSNBELINO_BON_PESAN: TIBStringField;
T_DPSNBELIHARGA: TIntegerField;
T_DPSNBELIBANYAK_DIPESAN: TIntegerField;
T_DPSNBELIBANYAK_DITERIMA: TIntegerField;
T_DPSNBELISTATUS: TIntegerField;
T_DPSNBELIKODE_BARANG: TIBStringField;
T_DPSNBELINAMA: TStringField;
dsDBeli: TDataSource;
T_DBeli: TIBQuery;
T_DBeliNO_BON: TIBStringField;
T_DBeliHARGA: TIntegerField;
T_DBeliBANYAK: TIntegerField;
T_DBeliKODE_BARANG: TIBStringField;
dsDJual: TDataSource;
T_DJual: TIBQuery;
T_DJualNO_BON: TIBStringField;
T_DJualHARGA: TIntegerField;
T_DJualBANYAK: TIntegerField;
T_DJualKODE_BARANG: TIBStringField;
dsDReturBeli: TDataSource;
T_DReturBeli: TIBQuery;
T_DReturJual: TIBQuery;
dsDReturJual: TDataSource;
dsReturBeli: TDataSource;
T_ReturBeli: TIBQuery;
T_ReturBeliNO_BON: TIBStringField;
T_ReturBeliID_SUPP: TIBStringField;
T_ReturBeliTANGGAL_RETUR_BELI: TDateField;
dsReturJual: TDataSource;
T_ReturJual: TIBQuery;
T_DReturJualNO_BON: TIBStringField;
T_DReturJualKODE_BARANG: TIBStringField;
T_DReturJualHARGA: TIntegerField;
T_DReturJualBANYAK: TIntegerField;
dsBeli: TDataSource;

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T_Beli: TIBQuery;
T_BeliNO_BON: TIBStringField;
T_BeliID_SUPP: TIBStringField;
T_BeliTANGGAL_BELI: TDateField;
T_DReturBeliNama: TStringField;
T_DReturBeliNO_BON: TIBStringField;
T_DReturBeliKODE_BARANG: TIBStringField;
T_DReturBeliBANYAK: TIntegerField;
T_DReturBeliHARGA: TIntegerField;
dsLaporanBeli: TDataSource;
T_LaporanBeli: TIBQuery;
T_LaporanBeliNO_BON: TIBStringField;
T_LaporanBeliHARGA: TIntegerField;
T_LaporanBeliBANYAK: TIntegerField;
T_LaporanBeliKODE_BARANG: TIBStringField;
T_DReturJualNama: TStringField;
T_LaporanBeliNama_Barang: TStringField;
T_LaporanBeliID_Supp: TStringField;
T_LaporanBeliNama_Supp: TStringField;
dsLaporanJual: TDataSource;
T_LaporanJual: TIBQuery;
T_LaporanJualNO_BON: TIBStringField;
T_LaporanJualHARGA: TIntegerField;
T_LaporanJualBANYAK: TIntegerField;
T_LaporanJualKODE_BARANG: TIBStringField;
T_LaporanJualNama_Barang: TStringField;
dsJual: TDataSource;
T_Jual: TIBQuery;
T_JualNO_BON: TIBStringField;
T_JualID_CUST: TIBStringField;
T_JualTANGGAL_JUAL: TDateField;
T_LaporanJualID_CUST: TStringField;
T_LaporanJualNAMA_CUST: TStringField;
procedure Query1BeforeRefresh(DataSet: TDataSet);
procedure Query2BeforeRefresh(DataSet: TDataSet);
procedure T_SUPPBeforeRefresh(DataSet: TDataSet);
procedure T_BARANGBeforeRefresh(DataSet: TDataSet);
procedure T_CUSTBeforeRefresh(DataSet: TDataSet);
procedure T_PSNJUALBeforeRefresh(DataSet: TDataSet);
procedure T_DPSNJUALBeforeRefresh(DataSet: TDataSet);
procedure T_PSNBELIBeforeRefresh(DataSet: TDataSet);
procedure T_DPSNBELIBeforeRefresh(DataSet: TDataSet);
procedure T_DBeliBeforeRefresh(DataSet: TDataSet);
procedure T_DJualBeforeRefresh(DataSet: TDataSet);
procedure T_DReturBeliBeforeRefresh(DataSet: TDataSet);
procedure T_ReturBeliBeforeRefresh(DataSet: TDataSet);
procedure T_DReturJualBeforeRefresh(DataSet: TDataSet);
procedure T_ReturJualBeforeRefresh(DataSet: TDataSet);
private
  { Private declarations }
public

```

```

    { Public declarations }
end;
var
    DataModule1: TDataModule1;
implementation
{$R *.dfm}

procedure TDataModule1.Query1BeforeRefresh(DataSet: TDataSet);
begin
    query1.close;
    query1.open;
    Abort;
end;

procedure TDataModule1.Query2BeforeRefresh(DataSet: TDataSet);
begin
    query2.close;
    query2.open;
    Abort;
end;

procedure TDataModule1.T_SUPPBeforeRefresh(DataSet: TDataSet);
begin
    T_Supp.close;
    T_Supp.open;
    Abort;
end;

procedure TDataModule1.T_BARANGBeforeRefresh(DataSet: TDataSet);
begin
    T_Barang.close;
    T_Barang.open;
    Abort;
end;

procedure TDataModule1.T_CUSTBeforeRefresh(DataSet: TDataSet);
begin
    T_Cust.close;
    T_Cust.open;
    Abort;
end;

procedure TDataModule1.T_PSNJUALBeforeRefresh(DataSet: TDataSet);
begin
    T_Psnjual.close;
    T_Psnjual.open;
    Abort;
end;

procedure TDataModule1.T_DPSNJUALBeforeRefresh(DataSet: TDataSet);

```

```

begin
T_DPSnjual.close;
T_DPSnjual.open;
Abort;
end;

procedure TDataModule1.T_PSNBELIBeforeRefresh(DataSet: TDataSet);
begin
T_Psnbeli.close;
T_Psnbeli.open;
Abort;
end;

procedure TDataModule1.T_DPSNBELIBeforeRefresh(DataSet: TDataSet);
begin
T_DPsnbeli.close;
T_DPsnbeli.open;
Abort;
end;

procedure TDataModule1.T_DBeliBeforeRefresh(DataSet: TDataSet);
begin
T_DBELI.close;
T_DBELI.open;
Abort;
end;

procedure TDataModule1.T_DJualBeforeRefresh(DataSet: TDataSet);
begin
T_Djual.close;
T_Djual.open;
Abort;
end;

procedure TDataModule1.T_DReturBeliBeforeRefresh(DataSet: TDataSet);
begin
T_DReturBeli.close;
T_DReturBeli.open;
Abort;
end;

procedure TDataModule1.T_ReturBeliBeforeRefresh(DataSet: TDataSet);
begin
T_ReturBeli.close;
T_ReturBeli.open;
Abort;
end;

procedure TDataModule1.T_DReturJualBeforeRefresh(DataSet: TDataSet);
begin
T_DRETURJUAL.close;

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```
T_DRETURJUAL.open;
Abort;
end;
```

```
procedure TDataModule1.T_ReturJualBeforeRefresh(DataSet: TDataSet);
begin
T_DJUAL.close;
T_DJUAL.open;
Abort;
end;
end.
```

Kode pada F_Adduser

```
unit U_Adduser;

interface
uses
  Windows, Messages, SysUtils, Variants, Classes, Graphics, Controls, Forms,
  Dialogs, StdCtrls, Buttons, ExtCtrls;
type
  TF_Adduser = class(TForm)
    Label1: TLabel;
    Label2: TLabel;
    Label3: TLabel;
    Label4: TLabel;
    eduser: TEdit;
    edpass: TEdit;
    edconf: TEdit;
    CBLevel: TComboBox;
    Panel1: TPanel;
    CheckBox1: TCheckBox;
    CheckBox2: TCheckBox;
    CheckBox3: TCheckBox;
    CheckBox4: TCheckBox;
    CheckBox5: TCheckBox;
    Edit1: TEdit;
    Edit2: TEdit;
    Edit3: TEdit;
    Edit4: TEdit;
    Edit5: TEdit;
    Panel2: TPanel;
    btnbatal: TBitBtn;
    btnok: TBitBtn;
    btnadvance: TBitBtn;
    procedure eduserChange(Sender: TObject);
    procedure FormShow(Sender: TObject);
    procedure CheckBox1Click(Sender: TObject);
    procedure CheckBox2Click(Sender: TObject);
    procedure CheckBox3Click(Sender: TObject);
    procedure CheckBox4Click(Sender: TObject);
```

```

    procedure CheckBox5Click(Sender: TObject);
    procedure btnadvanceClick(Sender: TObject);
private
    { Private declarations }
public
    { Public declarations }
end;
var
    F_Adduser: TF_Adduser;
implementation
    {$R *.dfm}
    procedure TF_Adduser.eduserChange(Sender: TObject);
    begin
    if eduser.text<>" then
    btnok.enabled := true
    else
    btnok.Enabled := false;
    end;

    procedure TF_Adduser.FormShow(Sender: TObject);
    begin
    btnadvance.caption:='Advance';
    EdUser.Clear;
    edconf.clear;
    edpass.clear;
    CBLevel.Text := 'Operator';
    edit1.text:='1';
    edit2.text:='1';
    edit3.text:='1';
    edit4.text:='1';
    edit5.text:='1';
    checkbox1.Checked := true;
    checkbox2.Checked := true;
    checkbox3.Checked := true;
    checkbox4.Checked := true;
    checkbox5.Checked := true;
    end;

    procedure TF_Adduser.CheckBox1Click(Sender: TObject);
    begin
    if checkbox1.checked then
    edit1.text:='1'
    else
    edit1.text:='0';
    end;
    procedure TF_Adduser.CheckBox2Click(Sender: TObject);
    begin
    if checkbox2.checked then
    edit2.text:='1'
    else
    edit2.text:='0';

```

```

end;
procedure TF_Adduser.CheckBox3Click(Sender: TObject);
begin
if checkbox3.checked then
edit3.text:='1'
else
edit3.text:='0';
end;
procedure TF_Adduser.CheckBox4Click(Sender: TObject);
begin
if checkbox4.checked then
edit4.text:='1'
else
edit4.text:='0';
end;
procedure TF_Adduser.CheckBox5Click(Sender: TObject);
begin
if checkbox5.checked then
edit5.text:='1'
else
edit5.text:='0';
end;
procedure TF_Adduser.btnadvanceClick(Sender: TObject);
begin
if btnadvance.caption='Advance' then
begin
btnadvance.caption :='Simple';
end
else
begin
btnadvance.caption :='Advance';
end;
end;
end.

```

Kode pada F_Barang

```

unit U_Barang;
interface
uses
  Windows, Messages, SysUtils, Variants, Classes, Graphics, Controls, Forms,
  Dialogs, ActnList, DBCtrls, Grids, DBGrids, StdCtrls, Mask, Buttons,
  ExtCtrls;

type
  TF_Barang = class(TForm)
    Panel1: TPanel;
    Label18: TLabel;
    Label19: TLabel;
    Panel2: TPanel;
    btnbaru: TBitBtn;

```

btncancel: TBitBtn;
btncancel: TBitBtn;
panedit: TPanel;
Label1: TLabel;
Label2: TLabel;
Label4: TLabel;
Label7: TLabel;
Label8: TLabel;
Label9: TLabel;
Panel4: TPanel;
btncancel: TBitBtn;
btncancel: TBitBtn;
panedit: TPanel;
Label10: TLabel;
Label11: TLabel;
Panel6: TPanel;
Panel7: TPanel;
Panel8: TPanel;
Panel9: TPanel;
Panel10: TPanel;
btncancel: TBitBtn;
ActionList1: TActionList;
Baru: TAction;
Edit: TAction;
Hapus: TAction;
Cari: TAction;
Label3: TLabel;
Label5: TLabel;
edkode: TEdit;
Ednama: TEdit;
Edkat: TEdit;
Edsat: TEdit;
Edkonversi: TEdit;
Edjumlah: TEdit;
Edhrjual: TEdit;
edcarinama: TEdit;
edcarikat: TEdit;
DBGrid1: TDBGrid;
ComboBox1: TComboBox;
btncancel: TBitBtn;
Label6: TLabel;
Label12: TLabel;
edhrbeli: TEdit;
edmargin: TEdit;
procedure btncancelClick(Sender: TObject);
procedure BaruExecute(Sender: TObject);
procedure btncancelClick(Sender: TObject);
procedure FormShow(Sender: TObject);
procedure edcarinamaChange(Sender: TObject);
procedure EditExecute(Sender: TObject);
procedure btncancelClick(Sender: TObject);


```

procedure edcarikatChange(Sender: TObject);
procedure btnkonversiClick(Sender: TObject);
procedure edhrghbeliExit(Sender: TObject);
procedure edmarginExit(Sender: TObject);
private
  { Private declarations }
public
  { Public declarations }
end;
var
  F_Barang: TF_Barang;
implementation
uses U_DM, U_konversi;
{$R *.dfm}
procedure TF_Barang.btntutupClick(Sender: TObject);
begin
close;
end;

procedure TF_Barang.BaruExecute(Sender: TObject);
var id :integer;
begin
  btnsimpan.Caption := 'Simpan Data';
  with datamodule1 do
  begin
    query1.close;
    query1.SQL.clear;
    query1.sql.add('SELECT MAX(KODE_BARANG) FROM BARANG');
    query1.Open;
    if query1.Fields[0].Value = null then
      edkode.Text := 'B0001'
    else
      begin
        id := strtoint(copy(query1.Fields[0].AsString,2,4));
        id := id + 1;
        edkode.text := 'B' + formatfloat('0000',id);
      end;
    ednama.text := "";
    edkat.text := "";
    edsat.text := "";
    edkonversi.text := "";
    edjumlah.text := "";
    edhrghjual.text := "";
    edhrghbeli.text := '0';
    edmargin.text:= '0';
    query1.close;
    query1.SQL.clear;
    query1.sql.add('SELECT NAMA||KODE_BARANG FROM BARANG WHERE
    KODE_BARANG_INDUK= "Null"');
    query1.Open;
    combobox1.Items.clear;

```

```

        combobox1.Items.Add('-');
        if query1.Fields[0].Value <> null then
            while NOT(query1.Eof) do
                begin
                    combobox1.Items.add(query1.Fields[0].AsString);
                    query1.Next ;
                end;
            combobox1.ItemIndex:= 0;
        end;
    end;

procedure TF_Barang.btnsimpanClick(Sender: TObject);
var kodebarang : string;
begin
    if combobox1.ItemIndex= 0 then
        kodebarang := 'Null'
    else
        kodebarang := copy(combobox1.Text,Length(combobox1.Text)-4,5);

    if btnsimpan.Caption = 'Simpan Data' then
        begin
            with datamodule1 do
                begin
                    query1.close;
                    query1.SQL.clear;
                    query1.sql.add('INSERT INTO BARANG VALUES('+
                        QuotedStr(edkode.text)+'+',
                        QuotedStr(ednama.text)+'+',
                        QuotedStr(edkat.text)+'+',
                        QuotedStr(edsat.text)+'+',
                        edjumlah.text+'+',
                        edhrkjual.text+'+',
                        QuotedStr(kodebarang)+'+',
                        edkonversi.text+');');
                    query1.ExecSQL;
                    showmessage('Barang telah tersimpan!');
                    baru.Execute;
                    T_Barang.refresh;
                end;
            end
        else
            begin
                with datamodule1 do
                    begin
                        query1.close;
                        query1.SQL.clear;
                        query1.sql.add('UPDATE BARANG SET '+
                            'Nama='+QuotedStr(ednama.text)+'+',
                            'Kategori='+QuotedStr(edkat.text)+'+',
                            'Satuan='+QuotedStr(edsat.text)+'+',
                            'Jumlah_Barang='+edjumlah.text+'+',

```

```

        'Harga_Jual='+edhrgjual.text+','+
        'Kode_Barang_Induk='+QuotedStr(kodebarang)+'+',
        'JUMLAH_KONVERSI='+ edkonversi.text +
        'Where Kode_Barang='+QuotedStr(edkode.Text)+'');
    query1.ExecSQL;
    showmessage('Barang telah tersimpan!');
    baru.Execute;
    T_Barang.refresh;
end;
end;
end;

procedure TF_Barang.FormShow(Sender: TObject);
begin
    baru.execute;
end;

procedure TF_Barang.edcarinamaChange(Sender: TObject);
begin
    with datamodule1 do
        begin
            T_barang.close;
            T_Barang.SQL.clear;
            T_barang.sql.add('SELECT * FROM BARANG WHERE (UPPER(NAMA) LIKE
            '+QuotedStr('%'+UpperCase(edcarinama.Text)+'%')+')AND(UPPER(KATEGORI) LIKE
            '+QuotedStr('%'+UpperCase(edcarikat.Text)+'%')+')');
            T_barang.Open;
        end;
    end;
end;

procedure TF_Barang.EditExecute(Sender: TObject);
begin
    btnsimpan.Caption := 'Update Data';
    edkode.text := dbgrid1.Fields[0].AsString ;
    with datamodule1 do
        begin
            query1.close;
            query1.SQL.clear;
            query1.sql.add('SELECT NAMA||KODE_BARANG_INDUK FROM BARANG
            WHERE KODE_BARANG = '+QuotedStr(edkode.Text));
            query1.Open;
        end;
        ednama.text := dbgrid1.Fields[1].AsString ;
        edkat.text := dbgrid1.Fields[2].AsString ;
        edsat.text := dbgrid1.Fields[3].AsString ;
        edjumlah.text := dbgrid1.Fields[4].AsString;
        edhrgjual.text := dbgrid1.Fields[5].AsString;
        if datamodule1.Query1.Fields[0].Value <> null then
            combobox1.Text:=datamodule1.query1.fields[0].AsString
        else
            combobox1.ItemIndex := 0;
    end;
end;

```

```

    edkonversi.text := dbrgrid1.Fields[7].AsString ;
end;

procedure TF_Barang.btnhapusClick(Sender: TObject);
begin
    with datamodule1 do
        begin
            query1.close;
            query1.SQL.clear;
            query1.sql.add('DELETE FROM BARANG '+
                'Where Kode_Barang='+QuotedStr(dbrgrid1.Fields[0].AsString)+'');
            query1.ExecSQL;
            T_Barang.refresh;
            baru.Execute;
        end;
    end;
end;

procedure TF_Barang.edcarikatChange(Sender: TObject);
begin
    with datamodule1 do
        begin
            T_barang.close;
            T_Barang.SQL.clear;
            T_barang.sql.add('SELECT * FROM BARANG WHERE (UPPER(NAMA) LIKE
                '+QuotedStr('%'+UpperCase(edcarinama.Text)+'%')+')AND(UPPER(KATEGORI) LIKE
                '+QuotedStr('%'+UpperCase(edcarikat.Text)+'%')+')');
            T_barang.Open;
        end;
    end;
end;

procedure TF_Barang.btnkonversiClick(Sender: TObject);
begin
    F_Konversi.showmodal;
end;

procedure TF_Barang.edhrghbeliExit(Sender: TObject);
var beli,jual,margin : real;
begin
    beli := strtfloat(edhrghbeli.text);
    margin := strtfloat(edmargin.text);
    jual := beli*margin/100;
    edhrghjual.text := floattostr(jual);
end;

procedure TF_Barang.edmarginExit(Sender: TObject);
var beli,jual,margin : real;
begin
    beli := strtfloat(edhrghbeli.text);
    margin := strtfloat(edmargin.text);
    jual := beli*margin/100;
    edhrghjual.text := floattostr(jual);
end;

```

```
end;  
end.
```

Kode pada F_Customer

```
unit U_Customer;  
interface  
uses  
  Windows, Messages, SysUtils, Variants, Classes, Graphics, Controls, Forms,  
  Dialogs, Grids, DBGrids, ActnList, StdCtrls, Buttons, ExtCtrls;  
type  
  TF_Customer = class(TForm)  
    Panel1: TPanel;  
    Label18: TLabel;  
    Label19: TLabel;  
    Panel2: TPanel;  
    btnbaru: TBitBtn;  
    btncedit: TBitBtn;  
    btnchapus: TBitBtn;  
    panedit: TPanel;  
    Label1: TLabel;  
    Label2: TLabel;  
    Label3: TLabel;  
    Label4: TLabel;  
    Label6: TLabel;  
    edid: TEdit;  
    ednama: TEdit;  
    edalamat: TEdit;  
    edemail: TEdit;  
    edtelepon: TEdit;  
    Panel4: TPanel;  
    btncbatal: TBitBtn;  
    btncsimpan: TBitBtn;  
    pancari: TPanel;  
    Label10: TLabel;  
    Panel6: TPanel;  
    Panel7: TPanel;  
    Panel8: TPanel;  
    Panel10: TPanel;  
    btncutup: TBitBtn;  
    Panel9: TPanel;  
    ActionList1: TActionList;  
    Baru: TAction;  
    Edit: TAction;  
    Hapus: TAction;  
    DBGrid1: TDBGrid;  
    edcari: TEdit;  
    procedure edcariChange(Sender: TObject);  
    procedure BaruExecute(Sender: TObject);  
    procedure EditExecute(Sender: TObject);  
    procedure HapusExecute(Sender: TObject);
```

```

procedure btnsimpanClick(Sender: TObject);
procedure btnbatalsimpanClick(Sender: TObject);
procedure FormShow(Sender: TObject);
procedure FormCreate(Sender: TObject);
procedure btntutupClick(Sender: TObject);
private
  { Private declarations }
public
  { Public declarations }
end;
var
  F_Customer: TF_Customer;
implementation
uses U_DM;
{$R *.dfm}
procedure TF_Customer.edcariChange(Sender: TObject);
begin
  with datamodule1 do
  begin
    T_Cust.close;
    T_Cust.SQL.clear;
    T_Cust.sql.add('SELECT * FROM CUSTOMER WHERE UPPER(NAMA) LIKE
'+QuotedStr('%'+UpperCase(edcari.Text)+'%'));
    T_Cust.Open;
  end;
end;
procedure TF_Customer.BaruExecute(Sender: TObject);
var id :integer;
begin
  btnsimpan.Caption := 'Simpan Data';
  with datamodule1 do
  begin
    query1.close;
    query1.SQL.clear;
    query1.sql.add('SELECT MAX(ID_CUST) FROM CUSTOMER');
    query1.Open;
    if query1.Fields[0].Value = null then
      edid.Text := 'C0001'
    else
      begin
        id := strtoint(copy(query1.Fields[0].AsString,2,4));
        id := id + 1;
        edid.text := 'C' + formatfloat('0000',id);
      end;
    ednama.text := "";
    edalamat.text := "";
    edemail.text := "";
    edtelepon.text := "";
  end;
end;
end;

```

```

procedure TF_Customer.EditExecute(Sender: TObject);
begin
  btnsimpan.Caption := 'Update Data';
  edid.text := dbgrid1.Fields[0].AsString ;
  ednama.text := dbgrid1.Fields[1].AsString ;
  edalamat.text := dbgrid1.Fields[2].AsString ;
  edemail.text := dbgrid1.Fields[3].AsString ;
  edtelepon.text := dbgrid1.Fields[4].AsString ;
end;

procedure TF_Customer.HapusExecute(Sender: TObject);
begin
  with datamodule1 do
  begin
    query1.close;
    query1.SQL.clear;
    query1.sql.add('DELETE FROM CUSTOMER '+
      'Where Id_Cust='+QuotedStr(dbgrid1.Fields[0].AsString)+';');
    query1.ExecSQL;
    T_Cust.refresh;
    baru.Execute;
  end;
end;

procedure TF_Customer.btnsimpanClick(Sender: TObject);
begin
  if btnsimpan.Caption = 'Simpan Data' then
  begin
    with datamodule1 do
    begin
      query1.close;
      query1.SQL.clear;
      query1.sql.add('INSERT INTO CUSTOMER VALUES('+
        QuotedStr(edid.text)+'+',
        QuotedStr(ednama.text)+'+',
        QuotedStr(edalamat.text)+'+',
        QuotedStr(edemail.text)+'+',
        QuotedStr(edtelepon.text)+';');
      query1.ExecSQL;
      T_Cust.refresh;
      baru.Execute;
    end;
  end
  else
  begin
    with datamodule1 do
    begin
      query1.close;
      query1.SQL.clear;
      query1.sql.add('UPDATE CUSTOMER SET '+
        'Nama='+QuotedStr(ednama.text)+'+',

```

```

        'alamat='+QuotedStr(edalamat.text)+'+',
        'email='+QuotedStr(edemail.text)+'+',
        'telepon='+QuotedStr(edtelepon.text)+
        'Where Id_Cust='+QuotedStr(edid.Text)+'');
    query1.ExecSQL;
    T_Cust.refresh;
end;
end;
baru.Execute;
end;

procedure TF_Customer.btnbatalsimpanClick(Sender: TObject);
var id :integer;
begin
    btnsimpan.Caption := 'Simpan Data';
    with datamodule1 do
    begin
        query1.close;
        query1.SQL.clear;
        query1.sql.add('SELECT MAX(ID_CUST) FROM CUSTOMER');
        query1.Open;
        if query1.Fields[0].Value = null then
            edid.Text := 'C0001'
        else
            begin
                id := strtoint(copy(query1.Fields[0].AsString,2,4));
                id := id + 1;
                edid.text := 'C' + formatfloat('0000',id);
            end;
            ednama.text := "";
            edalamat.text := "";
            edemail.text := "";
            edtelepon.text := "";
        end;
    end;
end;

procedure TF_Customer.FormShow(Sender: TObject);
begin
    baru.execute;
end;
procedure TF_Customer.FormCreate(Sender: TObject);
begin
    datamodule1.T_Cust.refresh;
end;
procedure TF_Customer.btntutupClick(Sender: TObject);
begin
    close;
end;
end.

```


Kode pada F_deluser

```
unit U_Deluser;
interface
uses
  Windows, Messages, SysUtils, Variants, Classes, Graphics, Controls, Forms,
  Dialogs, StdCtrls, Buttons, Grids, DBGrids, DBCtrls, ExtCtrls;
type
  TF_Deluser = class(TForm)
    edakses: TEdit;
    Panel1: TPanel;
    DBNavigator1: TDBNavigator;
    DBGrid1: TDBGrid;
    Panel2: TPanel;
    BitBtn1: TBitBtn;
    BitBtn2: TBitBtn;
    BitBtn3: TBitBtn;
    procedure BitBtn2Click(Sender: TObject);
    procedure BitBtn1Click(Sender: TObject);
    procedure BitBtn3Click(Sender: TObject);
  private
    { Private declarations }
  public
    { Public declarations }
  end;
var
  F_Deluser: TF_Deluser;
implementation
uses U_Edituser, U_MenuUtama;
{$R *.dfm}
procedure TF_Deluser.BitBtn2Click(Sender: TObject);
begin
  edakses.text:=F_utama.Tuserakses.value;
  if F_Edituser.showmodal=mrOk then
  begin
    with F_Utama do
    begin
      TUser.edit;
      TuserUsername.Value := F_edituser.eduser.text;
      TuserTingkat.Value := F_edituser.CBlevel.text;
      TuserAkses.Value :=
      F_edituser.Edit1.text+F_edituser.Edit2.text+F_edituser.Edit3.text+F_edituser.Edit4.text+F_e
      dituser.Edit5.text;
      TUser.Post;
    end;
  end;
  end;
  end;
  procedure TF_Deluser.BitBtn1Click(Sender: TObject);
  begin
    if F_utama.Tusertingkat.value = 'Administrator' then
      showmessage('Maaf Administrator tidak bisa DIHAPUS!!')
```

```

else
F_utama.Tuser.Delete;
end;
procedure TF_Deluser.BitBtn3Click(Sender: TObject);
begin
close;
end;
end.

```

Kode dalam F_Edituser

```

unit U_Edituser;
interface
uses
  Windows, Messages, SysUtils, Variants, Classes, Graphics, Controls, Forms,
  Dialogs, StdCtrls, Buttons, ExtCtrls;
type
  TF_Edituser = class(TForm)
    eduser: TEdit;
    Label2: TLabel;
    Label1: TLabel;
    Cblevel: TComboBox;
    Edit1: TEdit;
    Edit2: TEdit;
    Edit3: TEdit;
    Edit4: TEdit;
    Edit5: TEdit;
    Panel1: TPanel;
    CheckBox1: TCheckBox;
    CheckBox2: TCheckBox;
    CheckBox3: TCheckBox;
    CheckBox4: TCheckBox;
    CheckBox5: TCheckBox;
    Panel2: TPanel;
    Panel3: TPanel;
    btnbatal: TBitBtn;
    btnok: TBitBtn;
    procedure FormShow(Sender: TObject);
  private
    { Private declarations }
  public
    { Public declarations }
  end;
var
  F_Edituser: TF_Edituser;
implementation
uses U_MenuUtama, U_Deluser;
{$R *.dfm}
procedure TF_Edituser.FormShow(Sender: TObject);
begin
eduser.text:= F_utama.Tuserusername.value;

```

```

cblevel.text:= F_utama.Tuseringkat.value;
edit1.Text := F_deluser.edakses.text[1];
edit2.Text := F_deluser.edakses.text[2];
edit3.Text := F_deluser.edakses.text[3];
edit4.Text := F_deluser.edakses.text[4];
edit5.Text := F_deluser.edakses.text[5];
if F_delUser.edakses.text[1]='1' then
checkbox1.checked:= true
else
checkbox1.checked:= false;
if F_delUser.edakses.text[2]='1' then
checkbox1.checked:= true
else
checkbox1.checked:= false;
if F_delUser.edakses.text[3]='1' then
checkbox1.checked:= true
else
checkbox1.checked:= false;
if F_delUser.edakses.text[4]='1' then
checkbox1.checked:= true
else
checkbox1.checked:= false;
if F_delUser.edakses.text[5]='1' then
checkbox1.checked:= true
else
checkbox1.checked:= false;
end;
end.

```

Kode pada F_email

```

unit U_Email;
interface
uses
  Windows, Messages, SysUtils, Variants, Classes, Graphics, Controls, Forms,
  Dialogs, ShellApi, StdCtrls, Buttons;
type
  TF_Email = class(TForm)
    BitBtn1: TBitBtn;
    Edit1: TEdit;
    Edit2: TEdit;
    Label1: TLabel;
    Label2: TLabel;
    Label3: TLabel;
    Memo1: TMemo;
    procedure BitBtn1Click(Sender: TObject);
  private
    { Private declarations }
  public
    { Public declarations }
  end;

```

```

var
  F_Email: TF_Email;
implementation
{$R *.dfm}
procedure TF_Email.BitBtn1Click(Sender: TObject);
var
  strTujuan, strSubject, strIsi,Param : String;
begin
  //tujuan email
  strTujuan := edit1.Text;
  //subjek email
  strSubject := edit2.text;
  //isi email
  strIsi := memo1.Lines.GetText;
  Param :='mailto:' + strTujuan + '?subject=' + strSubject + '&Body=' + strIsi;
  ShellExecute(F_email.handle,'open',PChar(Param),nil,nil,SW_SHOWNORMAL);
end;
end.

```

Kode pada F_Gantipass

```

unit U_Gantipass;
interface
uses
  Windows, Messages, SysUtils, Variants, Classes, Graphics, Controls, Forms,
  Dialogs, StdCtrls, Buttons, ExtCtrls;
type
  TF_Gantipass = class(TForm)
    Panel1: TPanel;
    Panel2: TPanel;
    Label1: TLabel;
    Label2: TLabel;
    eduser: TEdit;
    Edlama: TEdit;
    Label3: TLabel;
    Label4: TLabel;
    edpass: TEdit;
    edconf: TEdit;
    btnbatal: TBitBtn;
    btnok: TBitBtn;
  private
    { Private declarations }
  public
    { Public declarations }
  end;
var
  F_Gantipass: TF_Gantipass;
implementation
{$R *.dfm}
end.

```

Kode pada F_Konversi

```
unit U_konversi;
interface
uses
  Windows, Messages, SysUtils, Variants, Classes, Graphics, Controls, Forms,
  Dialogs, StdCtrls, Buttons;
type
  TF_Konversi = class(TForm)
    ComboBox1: TComboBox;
    ComboBox2: TComboBox;
    edjmlhkonversi: TEdit;
    BitBtn1: TBitBtn;
    BitBtn2: TBitBtn;
    Label2: TLabel;
    Label1: TLabel;
    Label3: TLabel;
    procedure BitBtn2Click(Sender: TObject);
    procedure FormShow(Sender: TObject);
    procedure ComboBox1Change(Sender: TObject);
    procedure ComboBox2Change(Sender: TObject);
    procedure BitBtn1Click(Sender: TObject);
  private
    { Private declarations }
  public
    { Public declarations }
  end;
var
  F_Konversi: TF_Konversi;
implementation
uses U_DM;
{$R *.dfm}
procedure TF_Konversi.BitBtn2Click(Sender: TObject);
begin
close;
end;
procedure TF_Konversi.FormShow(Sender: TObject);
begin
  with datamodule1 do
  begin
    query1.close;
    query1.SQL.clear;
    query1.sql.add('SELECT NAMA||KODE_BARANG FROM BARANG WHERE
    KODE_BARANG = (SELECT KODE_BARANG_INDUK FROM BARANG WHERE
    KODE_BARANG_INDUK <> '+Quotedstr('Null')+ ' GROUP BY
    KODE_BARANG_INDUK)');
    query1.Open;
    combobox1.Items.clear;
    combobox1.Items.Add('-');
    if query1.Fields[0].Value <> null then
      while NOT(query1.Eof) do
```

```

        begin
        combobox1.Items.add(query1.Fields[0].AsString);
        query1.Next ;
        end;
        combobox1.ItemIndex:= 0;
    end;
end;

procedure TF_Konversi.ComboBox1Change(Sender: TObject);
var kodebarang : string;
begin
if combobox1.ItemIndex= 0 then
    kodebarang := 'Null'
else
    kodebarang := copy(combobox1.Text,Length(combobox1.Text)-4,5);
    with datamodule1 do
    begin
        query1.close;
        query1.SQL.clear;
        query1.sql.add('SELECT NAMA||KODE_BARANG FROM BARANG WHERE
        KODE_BARANG_INDUK =' + Quotedstr(kodebarang));
        query1.Open;
        combobox2.Items.clear;
        combobox2.Items.Add('-');
        if query1.Fields[0].Value <> null then
        while NOT(query1.Eof) do
            begin
                combobox2.Items.add(query1.Fields[0].AsString);
                query1.Next ;
            end;
            combobox2.ItemIndex:= 0;
        end;
    end;
end;

procedure TF_Konversi.ComboBox2Change(Sender: TObject);
var kodebarang : string;
begin
if combobox2.ItemIndex= 0 then
    kodebarang := 'Null'
else
    kodebarang := copy(combobox2.Text,Length(combobox2.Text)-4,5);
    with datamodule1 do
    begin
        query1.close;
        query1.SQL.clear;
        query1.sql.add('SELECT JUMLAH_KONVERSI1 FROM BARANG WHERE
        KODE_BARANG=' + Quotedstr(kodebarang));
        query1.Open;
        if query1.Fields[0].Value <> null then
            edjmlhkonversi.Text := inttostr(query1.Fields[0].AsInteger );
        end;
    end;
end;

```

```

end;

procedure TF_Konversi.BitBtn1Click(Sender: TObject);
var kodebrginduk,kodebrganak : string;
begin
kodebrginduk := copy(combobox1.Text,Length(combobox1.Text)-4,5);
kodebrganak := copy(combobox2.Text,Length(combobox2.Text)-4,5);
if kodebrginduk = '-' then
showmessage('Isi barang Induk terlebih dahulu');
if kodebrganak = '-' then
showmessage('Isi barang konversi terlebih dahulu');
with datamodule1 do
begin
query1.close;
query1.SQL.clear;
query1.sql.add('UPDATE BARANG SET '+
'Jumlah_Barang= Jumlah_Barang - 1 '+
'Where Kode_Barang='+QuotedStr(kodebrginduk)+');
query1.ExecSQL;
query1.SQL.clear;
query1.sql.add('UPDATE BARANG SET '+
'Jumlah_Barang= Jumlah_Barang + '+ edjmlhkonsversi.text+' '+
'Where Kode_Barang='+QuotedStr(kodebrganak)+');
query1.ExecSQL;
T_Barang.refresh;
end;
end;
end.

```

Kode pada F_Kurs

```

unit U_Kurs;
interface
uses
Windows, Messages, SysUtils, Variants, Classes, Graphics, Controls, Forms,
Dialogs, StdCtrls, Buttons, Inifiles;
type
TF_Kurs = class(TForm)
edkurs: TEdit;
Label1: TLabel;
lblkurs: TLabel;
Label3: TLabel;
BitBtn1: TBitBtn;
Label4: TLabel;
Label5: TLabel;
RadioButton1: TRadioButton;
lblidkurs: TLabel;
BitBtn2: TBitBtn;
procedure BitBtn1Click(Sender: TObject);
procedure FormShow(Sender: TObject);
procedure FormClose(Sender: TObject; var Action: TCloseAction);
end;

```

```

    procedure BitBtn2Click(Sender: TObject);
private
    { Private declarations }
public
    { Public declarations }
end;
var
    F_Kurs: TF_Kurs;
implementation
    uses U_DM, U_PesanBeli;
    {$R *.dfm}
    procedure TF_Kurs.BitBtn1Click(Sender: TObject);
    var KursIniFile:TIniFile;
    begin
    if radiobutton1.Checked =false then
        showmessage('Pilih Mata Uang')
    else
    if MessageDlg('Apakah Anda Yakin?',mtWarning,[mbOk,mbCancel],0)=mrOk then
        begin
            KursIniFile:=TIniFile.Create(GetCurrentDir+'\Kurs.ini');
            KursIniFile.WriteFloat('Kurs','kurs',strtofloat(Edkurs.Text));
            KursIniFile.Free ;
            MessageDlg('Option sudah tersimpan',mtInformation,[mbOK],0);
            with datamodule1 do
            begin
                query1.close;
                query1.SQL.clear;
                query1.sql.add('INSERT INTO KURS VALUES('+
                    QuotedStr(lblidkurs.caption)+'+',+
                    QuotedStr(radiobutton1.Caption)+'+',+
                    QuotedStr(edkurs.text)+'+',+
                    Quotedstr(formatdatetime('mm/dd/yyyy',now))+'');');
                query1.ExecSQL;
            end;
        end;
    close;
    end;
    procedure TF_Kurs.FormShow(Sender: TObject);
    var KursIniFile:TIniFile;
        IniFileName:TFileName;
        id : integer;
    begin
        IniFileName:=ExtractFilePath(Application.ExeName)+'Kurs.ini';
        KursIniFile:=TIniFile.Create(IniFileName);
        lblkurs.caption:=floattostr(KursIniFile.ReadFloat('Kurs','kurs',0));
        with datamodule1 do
            begin
                query1.close;
                query1.SQL.clear;
                query1.sql.add('SELECT MAX(ID_KURS) FROM KURS');
                query1.Open;
            end;
        end;
    end;
end;

```



```

        if query1.Fields[0].Value = null then
            lblidkurs.caption := 'K0001'
        else
            begin
                id := strtoint(copy(query1.Fields[0].AsString,5,5));
                id := id + 1;
                lblidkurs.caption := formatfloat('K0000',id);
            end;
        end;
    end;
end;
procedure TF_Kurs.FormClose(Sender: TObject; var Action: TCloseAction);
begin
    Action:=caFree;
    F_Kurs:=nil;
end;
procedure TF_Kurs.BitBtn2Click(Sender: TObject);
begin
    close
end;
end;
end.

```

Kode pada F_Laporanbeli

```

unit U_LaporanBeli;
interface
uses
    Windows, Messages, SysUtils, Variants, Classes, Graphics, Controls, Forms,
    Dialogs, ActnList, StdCtrls, Buttons, Grids, DBGrids, ExtCtrls;
type
    TF_LaporanBeli = class(TForm)
        Panel1: TPanel;
        Label18: TLabel;
        Label19: TLabel;
        Panel2: TPanel;
        pancari: TPanel;
        Label10: TLabel;
        Label1: TLabel;
        Label2: TLabel;
        ednobon: TEdit;
        edbrg: TEdit;
        ednamasupp: TEdit;
        Panel6: TPanel;
        DBGrid1: TDBGrid;
        Panel10: TPanel;
        btntutup: TBitBtn;
        Panel9: TPanel;
        ActionList1: TActionList;
        Baru: TAction;
        Edit: TAction;
        Hapus: TAction;
        procedure ednobonChange(Sender: TObject);
    end;

```

```

    procedure edbrgChange(Sender: TObject);
private
    { Private declarations }
public
    { Public declarations }
end;
var
    F_LaporanBeli: TF_LaporanBeli;
implementation
uses U_DM;
{$R *.dfm}
procedure TF_LaporanBeli.ednobonChange(Sender: TObject);
begin
    with datamodule1 do
    begin
        T_LaporanBeli.close;
        T_LaporanBeli.SQL.clear;
        T_LaporanBeli.sql.add('SELECT * FROM DETIL_BELI WHERE (UPPER(NO_BON)
        LIKE
        '+QuotedStr('%'+UpperCase(ednobon.Text)+'%')+')AND(UPPER(KODE_BARANG)
        LIKE '+QuotedStr('%'+UpperCase(edbrg.Text)+'%')+')');
        T_LaporanBeli.Open;
    end;
end;
procedure TF_LaporanBeli.edbrgChange(Sender: TObject);
begin
    with datamodule1 do
    begin
        T_LaporanBeli.close;
        T_LaporanBeli.SQL.clear;
        T_LaporanBeli.sql.add('SELECT * FROM DETIL_BELI WHERE (UPPER(NO_BON)
        LIKE
        '+QuotedStr('%'+UpperCase(ednobon.Text)+'%')+')AND(UPPER(KODE_BARANG)
        LIKE '+QuotedStr('%'+UpperCase(edbrg.Text)+'%')+')');
        T_LaporanBeli.Open;
    end;
end;
end.

```

Kode pada F_Laporanjual

```

unit U_LaporanJual;
interface
uses
    Windows, Messages, SysUtils, Variants, Classes, Graphics, Controls, Forms,
    Dialogs, ActnList, StdCtrls, Buttons, Grids, DBGrids, ExtCtrls;
type
    TF_LaporanJual = class(TForm)
        Panel1: TPanel;
        Label18: TLabel;
        Label19: TLabel;
    end;

```

```

Panel2: TPanel;
pancari: TPanel;
Label10: TLabel;
ednobon: TEdit;
Panel6: TPanel;
DBGrid1: TDBGrid;
Panel10: TPanel;
btntutup: TBitBtn;
Panel9: TPanel;
ActionList1: TActionList;
Baru: TAction;
Edit: TAction;
Hapus: TAction;
edbrg: TEdit;
Label1: TLabel;
ednamacust: TEdit;
Label2: TLabel;
procedure ednobonChange(Sender: TObject);
procedure edbrgChange(Sender: TObject);
private
  { Private declarations }
public
  { Public declarations }
end;
var
  F_LaporanJual: TF_LaporanJual;
implementation
uses U_DM;
{$R *.dfm}
procedure TF_LaporanJual.ednobonChange(Sender: TObject);
begin
  with datamodule1 do
  begin
    T_LaporanJual.close;
    T_LaporanJual.SQL.clear;
    T_LaporanJual.sql.add('SELECT * FROM DETIL_JUAL WHERE (UPPER(NO_BON)
    LIKE '+QuotedStr('%'+UpperCase(ednobon.Text)+'%')+')AND(UPPER(KODE_BARAN
    G) LIKE '+QuotedStr('%'+UpperCase(edbrg.Text)+'%')+')');
    T_LaporanJual.Open;
  end;
end;

procedure TF_LaporanJual.edbrgChange(Sender: TObject);
begin
  with datamodule1 do
  begin
    T_LaporanJual.close;
    T_LaporanJual.SQL.clear;
    T_LaporanJual.sql.add('SELECT * FROM DETIL_JUAL WHERE (UPPER(NO_BON)
    LIKE

```

```

        '+QuotedStr('%'+UpperCase(ednobon.Text)+'%')+')AND(UPPER(KODE_BARANG)
        LIKE '+QuotedStr('%'+UpperCase(edbrg.Text)+'%')+');
        T_LaporanJual.Open;
        end;
end;
end.

```

Kode pada F_Login

```

unit U_Login;
interface
uses
    Windows, Messages, SysUtils, Variants, Classes, Graphics, Controls, Forms,
    Dialogs, StdCtrls, Buttons, ExtCtrls;
type
    TF_Login = class(TForm)
        Label1: TLabel;
        Label2: TLabel;
        Panel1: TPanel;
        Label3: TLabel;
        Label4: TLabel;
        eduser: TEdit;
        edpass: TEdit;
        BitBtn1: TBitBtn;
        BitBtn2: TBitBtn;
        procedure FormShow(Sender: TObject);
    private
        { Private declarations }
    public
        { Public declarations }
    end;
var
    F_Login: TF_Login;
implementation
{$R *.dfm}
procedure TF_Login.FormShow(Sender: TObject);
begin
    eduser.Clear;
    edpass.clear;
    eduser.setfocus;
end;
end.

```

Kode pada F_Pembelian

```

unit U_Pembelian;
interface
uses
    Windows, Messages, SysUtils, Variants, Classes, Graphics, Controls, Forms,
    Dialogs, ActnList, Grids, DBGrids, ComCtrls, StdCtrls, Buttons, ExtCtrls;
type

```

```

TF_Pembelian = class(TForm)
  Panel1: TPanel;
  Label18: TLabel;
  Label19: TLabel;
  Panel2: TPanel;
  Panel3: TPanel;
  Label1: TLabel;
  Label2: TLabel;
  Label3: TLabel;
  Label7: TLabel;
  Label20: TLabel;
  Label4: TLabel;
  ednobon: TEdit;
  edtglbon: TEdit;
  dtJt: TDateTimePicker;
  Panel4: TPanel;
  Label9: TLabel;
  Label14: TLabel;
  DBGrid1: TDBGrid;
  Panel6: TPanel;
  btntutup: TBitBtn;
  ActionList1: TActionList;
  Baru: TAction;
  Simpan: TAction;
  Hapus: TAction;
  DBGrid2: TDBGrid;
  Label8: TLabel;
  BitBtn1: TBitBtn;
  BitBtn2: TBitBtn;
  lblnamasup: TLabel;
  lblalamatsup: TLabel;
  lbltelpsup: TLabel;
  procedure ednobonExit(Sender: TObject);
  procedure BitBtn2Click(Sender: TObject);
  procedure BitBtn1Click(Sender: TObject);
  procedure FormCreate(Sender: TObject);
  procedure btntutupClick(Sender: TObject);
private
  { Private declarations }
public
  { Public declarations }
end;
var
  F_Pembelian: TF_Pembelian;
implementation
uses U_DM;
{$R *.dfm}
procedure TF_Pembelian.ednobonExit(Sender: TObject);
var idcust:string;
begin
  with datamodule1 do

```

```

begin
  query1.close;
  query1.SQL.clear;
  query1.sql.add('SELECT * FROM PESAN_BELI WHERE NO_BON_PESAN =' +
    Quotedstr(ednobon.text));
  query1.Open;
  if query1.Fields[0].Value <> Null then
  begin
    edtglbon.text := formatdatetime('dd-mm-yyyy',now);
    idcust := query1.Fields[1].AsString;
    //dtJt.Date := StrToDate(query1.Fields[3].AsString);
    query1.close;
    query1.SQL.clear;
    query1.sql.add('SELECT NAMA||ID_SUPP,ALAMAT,TELEPON FROM SUPPLIER
      WHERE ID_SUPP =' + Quotedstr(idcust));
    query1.Open;
    lblnamasup.caption := query1.Fields[0].AsString;
    lblalamatup.caption := query1.Fields[1].AsString;
    lbltelup.caption := query1.Fields[2].AsString;
    T_DPSNBELI.close;
    T_DPSNBELI.SQL.clear;
    T_DPSNBELI.sql.add('SELECT * FROM DETIL_PESAN_BELI WHERE
      NO_BON_PESAN =' + Quotedstr(ednobon.text));
    T_DPSNBELI.Open;
    T_DBELI.close;
    T_DBELI.SQL.clear;
    T_DBELI.sql.add('SELECT * FROM DETIL_BELI WHERE NO_BON =' +
      Quotedstr(ednobon.text));
    T_DBELI.Open;
    T_DBELI.refresh;

    end
  else
    showmessage('Data tidak temukan');
  end;
end;

procedure TF_Pembelian.BitBtn2Click(Sender: TObject);
var jmlh : integer;
    idsupp: string;
begin
  idsupp := copy(lblnamasup.caption,Length(lblnamasup.caption)-4,5);
  jmlh:= strtoint(inputbox('INPUT','Masukan jumlah barang =
',inttostr(dbgrid2.Fields[2].AsInteger - dbgrid2.fields[3].AsInteger)));
  with datamodule1 do
  begin
    query1.close;
    query1.SQL.clear;
    query1.sql.add('UPDATE DETIL_PESAN_BELI SET '+'
      'BANYAK_DITERIMA= BANYAK_DITERIMA + '+'inttostr(jmlh)+' '+'

```

```

    'Where (NO_BON_PESAN =' + QuotedStr(ednobon.Text) + ') and (KODE_BARANG
    =' + QuotedStr(dbgrid2.Fields[0].AsString) + ');');
query1.ExecSQL;

query1.close;
query1.SQL.clear;
query1.sql.add('SELECT * FROM BELI WHERE NO_BON =' +
    Quotedstr(ednobon.text));
query1.Open;
if query1.Fields[0].Value = Null then
begin
query1.SQL.clear;
query1.sql.add('INSERT INTO BELI VALUES(' +
    QuotedStr(ednobon.text) + ',' +
    QuotedStr(idsupp) + ',' +
    quotedstr(formatdatetime('mm/dd/yyyy',now)) + ');');
query1.ExecSQL;
end;
query1.close;
query1.SQL.clear;
query1.sql.add('SELECT * FROM DETIL_BELI WHERE (NO_BON =
' + QuotedStr(ednobon.text) + ') and KODE_BARANG =' +
    Quotedstr(dbgrid2.Fields[0].AsString));
query1.Open;
if query1.Fields[0].Value = Null then
begin
query1.SQL.clear;
query1.sql.add('INSERT INTO DETIL_BELI VALUES(' +
    QuotedStr(ednobon.text) + ',' +
    dbgrid2.Fields[4].AsString + ',' +
    inttostr(jmlh) + ',' +
    Quotedstr(dbgrid2.Fields[0].AsString) + ');');
query1.ExecSQL;
end
else
begin
query1.close;
query1.SQL.clear;
query1.sql.add('UPDATE DETIL_BELI SET ' +
    'BANYAK = BANYAK + ' + inttostr(jmlh) + ' ' +
    'Where (NO_BON =' + QuotedStr(ednobon.Text) + ') and (KODE_BARANG
    =' + QuotedStr(dbgrid2.Fields[0].AsString) + ');');
query1.ExecSQL;
end;
query1.close;
query1.SQL.clear;
query1.sql.add('UPDATE BARANG SET ' +
    'JUMLAH_BARANG = JUMLAH_BARANG + ' + inttostr(jmlh) + ' ' +
    'Where KODE_BARANG =' + QuotedStr(dbgrid2.Fields[0].AsString) + ');');
query1.ExecSQL;
IBTransaction1.Commit;

```

```

T_DPSNBELI.Close;
T_DPSNBELI.Open;
  T_DBELI.close;
  T_DBELI.SQL.clear;
  T_DBELI.sql.add('SELECT * FROM DETIL_BELI WHERE NO_BON =' +
    Quotedstr(ednobon.text));
  T_DBELI.Open;
  T_DBELI.refresh;
end;
end;

procedure TF_Pembelian.BitBtn1Click(Sender: TObject);
var jmlh : integer;
begin
jmlh:= strtoint(inputbox('INPUT','Masukan jumlah barang =
',inttostr(dbgrid1.Fields[2].AsInteger)));
with datamodule1 do
begin
if jmlh = dbgrid1.Fields[2].AsInteger then
begin
  query1.close;
  query1.SQL.clear;
  query1.sql.add('DELETE FROM DETIL_BELI '+
'Where (NO_BON =' +QuotedStr(ednobon.Text)+') and (KODE_BARANG
=' +QuotedStr(dbgrid1.Fields[1].AsString)+');');
  query1.ExecSQL ;
  query1.close;
  query1.SQL.clear;
  query1.sql.add('UPDATE DETIL_PESAN_BELI SET '+
'BANYAK_DITERIMA= BANYAK_DITERIMA - '+inttostr(jmlh)+' '+
'Where (NO_BON_PESAN =' +QuotedStr(ednobon.Text)+') and (KODE_BARANG
=' +QuotedStr(dbgrid1.Fields[1].AsString)+');');
  query1.ExecSQL;
end
else
begin
  query1.close;
  query1.SQL.clear;
  query1.sql.add('UPDATE DETIL_BELI SET '+
'BANYAK = BANYAK - '+inttostr(jmlh)+' '+
'Where (NO_BON =' +QuotedStr(ednobon.Text)+') and (KODE_BARANG
=' +QuotedStr(dbgrid1.Fields[1].AsString)+');');
  query1.ExecSQL;
  query1.close;
  query1.SQL.clear;
  query1.sql.add('UPDATE DETIL_PESAN_BELI SET '+
'BANYAK_DITERIMA= BANYAK_DITERIMA - '+inttostr(jmlh)+' '+
'Where (NO_BON_PESAN =' +QuotedStr(ednobon.Text)+') and (KODE_BARANG
=' +QuotedStr(dbgrid1.Fields[1].AsString)+');');
  query1.ExecSQL;
  query1.close;
end
end;
end;

```



```

query1.SQL.clear;
query1.sql.add('UPDATE BARANG SET '+
  'JUMLAH_BARANG = JUMLAH_BARANG - '+inttostr(jmlh)+' '+
  'Where KODE_BARANG =' +QuotedStr(dbgrid2.Fields[0].AsString)+';');
query1.ExecSQL;
end;
T_DPSNBELI.Close;
T_DPSNBELI.SQL.Clear;
T_DPSNBELI.SQL.Add('SELECT * FROM DETIL_PESAN_BELI WHERE
  NO_BON_PESAN=' + Quotedstr(ednobon.text));
T_DPSNBELI.Open;
T_DBELI.Close;
T_DBELI.SQL.clear;
  T_DBELI.sql.add('SELECT * FROM DETIL_BELI WHERE NO_BON =' +
  Quotedstr(ednobon.text));
T_DBELI.Open;
T_BARANG.Close;
T_BARANG.Open;
end;
end;
procedure TF_Pembelian.FormCreate(Sender: TObject);
begin
  { with datamodule1 do
  begin
    query1.close;
    query1.SQL.clear;
    query1.SQL.add('SELECT TANGGAL_JATUH_TEMPO FROM PESAN_BELI');
    query1.ExecSQL;
    if TANGGAL_JATUH_TEMPO = formatdatetime('mm/dd/yyyy',now) then
      begin
        query1.close;
        query1.SQL.clear;
        query1.sql.add('UPDATE DETIL_PESAN_BELI SET '+
          'Status= 1');
        query1.ExecSQL;
        T_DPSNBELI.refresh;
        baru.Execute;
      end
    else
      begin
        query1.Close;
        query1.sql.clear;
      end;
  end; }
end;
end;

procedure TF_Pembelian.btntutupClick(Sender: TObject);
begin
close;
end;
end.

```

Kode pada F_Penjualan

```
unit U_Penjualan;
interface
uses
  Windows, Messages, SysUtils, Variants, Classes, Graphics, Controls, Forms,
  Dialogs, ActnList, Grids, DBGrids, ComCtrls, StdCtrls, Buttons, ExtCtrls;
type
  TF_Penjualan = class(TForm)
    Panel1: TPanel;
    Label18: TLabel;
    Label19: TLabel;
    Panel2: TPanel;
    btnsimpan: TBitBtn;
    btnbatal: TBitBtn;
    Panel3: TPanel;
    Label1: TLabel;
    Label2: TLabel;
    Label3: TLabel;
    Label7: TLabel;
    Label20: TLabel;
    Label4: TLabel;
    lblnamacust: TLabel;
    lblalamatcust: TLabel;
    lbltelpcust: TLabel;
    ednobon: TEdit;
    edtglbon: TEdit;
    dtJt: TDateTimePicker;
    Panel4: TPanel;
    DBGrid1: TDBGrid;
    DBGrid2: TDBGrid;
    BitBtn1: TBitBtn;
    BitBtn2: TBitBtn;
    Panel6: TPanel;
    btntutup: TBitBtn;
    ActionList1: TActionList;
    Baru: TAction;
    Simpan: TAction;
    Hapus: TAction;
    Panel5: TPanel;
    DBGrid4: TDBGrid;
    BitBtn3: TBitBtn;
    BitBtn4: TBitBtn;
    BitBtn5: TBitBtn;
    BitBtn6: TBitBtn;
    Label11: TLabel;
    ComboBox2: TComboBox;
    Label12: TLabel;
    edjmlh: TEdit;
    Label21: TLabel;
    edhr: TEdit;
```

```

Panel7: TPanel;
Label13: TLabel;
Label15: TLabel;
Label16: TLabel;
Label17: TLabel;
Label22: TLabel;
ednobon2: TEdit;
Edtglbon2: TEdit;
ComboBox1: TComboBox;
edalamat: TEdit;
edtelp: TEdit;
BitBtn7: TBitBtn;
Label8: TLabel;
Label14: TLabel;
Label9: TLabel;
procedure ednobonExit(Sender: TObject);
procedure BitBtn5Click(Sender: TObject);
procedure BitBtn6Click(Sender: TObject);
procedure btnsimpanClick(Sender: TObject);
procedure BitBtn4Click(Sender: TObject);
procedure BaruExecute(Sender: TObject);
procedure ComboBox1Change(Sender: TObject);
procedure SimpanExecute(Sender: TObject);
procedure btntutupClick(Sender: TObject);
procedure BitBtn2Click(Sender: TObject);
procedure BitBtn3Click(Sender: TObject);
procedure BitBtn1Click(Sender: TObject);
procedure BitBtn7Click(Sender: TObject);
private
  { Private declarations }
public
  { Public declarations }
end;
var
  F_Penjualan: TF_Penjualan;
  cek: boolean;
implementation
uses U_DM, U_printPesanJual, DB;
{$R *.dfm}
procedure TF_Penjualan.ednobonExit(Sender: TObject);
var idcust:string;
begin
  with datamodule1 do
  begin
    query1.close;
    query1.SQL.clear;
    query1.sql.add('SELECT * FROM PESAN_JUAL WHERE NO_BON_PESAN =' +
    Quotedstr(ednobon.text));
    query1.Open;
    if query1.Fields[0].Value <> Null then
    begin

```

```

    edtglbon.text := formatdatetime('dd-mm-yyyy',now);
    idcust := query1.Fields[1].AsString;
    //dtJt.Date := StrToDate(query1.Fields[3].AsString);
    query1.close;
    query1.SQL.clear;
    query1.sql.add('SELECT NAMA||ID_CUST,ALAMAT,TELEPON FROM
CUSTOMER WHERE ID_CUST =' + Quotedstr(idcust));
    query1.Open;
    lblnamacust.caption := query1.Fields[0].AsString;
    lblalamatcust.caption := query1.Fields[1].AsString;
    lbltelpcust.caption := query1.Fields[2].AsString;
    //jatuh tempo below
    T_DPSNJUAL.close;
    T_DPSNJUAL.SQL.clear;
    T_DPSNJUAL.sql.add('SELECT * FROM DETIL_PESAN_JUAL WHERE
NO_BON_PESAN =' + Quotedstr(ednobon.text));
    T_DPSNJUAL.Open;
    T_DJUAL.close;
    T_DJUAL.SQL.clear;
    T_DJUAL.sql.add('SELECT * FROM DETIL_JUAL WHERE NO_BON =' +
Quotedstr(ednobon.text));
    T_DJUAL.Open;
    T_DJUAL.refresh;
    end
    else
        showmessage('Data tidak temukan');
    end;
end;

procedure TF_Penjualan.BitBtn5Click(Sender: TObject);
begin
baru.execute;
end;

procedure TF_Penjualan.BitBtn6Click(Sender: TObject);
begin
cek := false;
panel3.Visible := true;
panel7.visible := false;
panel4.visible:= true;
panel5.Visible := false;
btnsimpan.Enabled := true;
end;

procedure TF_Penjualan.btnsimpanClick(Sender: TObject);
begin
bitbtn5.Enabled:= true;
bitbtn6.Enabled:= true;
simpan.execute;
end;

```

```

procedure TF_Penjualan.BitBtn4Click(Sender: TObject);
var kodebrg : string;
begin
if combobox2.ItemIndex <> 0 then
kodebrg := copy(combobox2.Text,Length(combobox2.Text)-4,5);
with datamodule1 do
begin
query1.close;
query1.SQL.clear;
query1.sql.add('INSERT INTO DETIL_JUAL VALUES('+
QuotedStr(ednobon2.text)+'+',+
QuotedStr(edhrg.text)+'+',+
edjmlh.text+'+',+
QuotedStr(kodebrg)+'');');
query1.ExecSQL;
query1.close;
query1.SQL.clear;
query1.sql.add('UPDATE BARANG SET '+
'Jumlah_Barang= Jumlah_Barang - '+edjmlh.text+' WHERE KODE_BARANG =
'+QuotedStr(kodebrg)+'');');
query1.ExecSQL;
query1.close;
query1.SQL.clear;
query1.sql.add('SELECT SUM(HARGA*BANYAK) FROM DETIL_JUAL WHERE
NO_BON =' + QuotedStr(ednobon2.text));
query1.Open;
label8.caption := intostr(query1.Fields[0].AsInteger);
Ibtransaction1.Commit;
T_DJUAL.refresh;
end;
showmessage('Data telah tersimpan!');
end;

```

```

procedure TF_Penjualan.BaruExecute(Sender: TObject);
var id :integer;
begin
cek:= true;
panel3.Visible:= false;
panel7.Visible:= true;
panel4.Visible := false;
with datamodule1 do
begin
query1.close;
query1.SQL.clear;
query1.sql.add('SELECT MAX(NO_BON) FROM JUAL');
query1.Open;
if query1.Fields[0].Value = null then
ednobon2.Text := FormatDateTime('yymmdd',now)+'J001'
else
begin
id := strtoint(copy(query1.Fields[0].AsString,7,4));

```

```

    id := id + 1;
    ednobon2.text := formatDateTime('yymmdd',now) + formatfloat('0000',id);
end;
edtglbon2.text :=formatDateTime('dd-mm-yyyy',now) ;
edalamat.text :=";
edtelp.text :=";
query1.close;
query1.SQL.clear;
query1.sql.add('SELECT NAMA||ID_CUST FROM CUSTOMER');
query1.Open;
combobox1.Items.clear;
combobox1.Items.Add('-');
if query1.Fields[0].Value <> null then
    while NOT(query1.Eof) do
        begin
            combobox1.Items.add(query1.Fields[0].AsString);
            query1.Next ;
        end;
    combobox1.itemindex := 0;
    query1.close;
    query1.SQL.clear;
    query1.sql.add('SELECT NAMA||KODE_BARANG FROM BARANG');
    query1.Open;
    combobox2.Items.clear;
    combobox2.Items.Add('-');
    if query1.Fields[0].Value <> null then
        while NOT(query1.Eof) do
            begin
                combobox2.Items.add(query1.Fields[0].AsString);
                query1.Next ;
            end;
        combobox2.itemindex := 0;
        btnsimpan.Enabled := true;
end;
end;

procedure TF_Penjualan.ComboBox1Change(Sender: TObject);
var idcust: string;
begin
if combobox1.ItemIndex <> 0 then
    idcust := copy(combobox1.Text,Length(combobox1.Text)-4,5);
    with datamodule1 do
        begin
            query1.close;
            query1.SQL.clear;
            query1.sql.add('SELECT ALAMAT,TELEPON FROM CUSTOMER WHERE ID_CUST
            =' + Quotedstr(idcust));
            query1.Open;
            if query1.Fields[0].Value <> null then
                begin
                    edalamat.text := query1.Fields[0].AsString;

```

```

        edtelptext := query1.Fields[1].AsString;
    end;
end;
end;

procedure TF_Penjualan.SimpanExecute(Sender: TObject);
var idcust : string;
begin
if cek = true then
begin
if combobox1.ItemIndex <> 0 then
    idcust := copy(combobox1.Text,Length(combobox1.Text)-4,5);
with datamodule1 do
    begin
        query1.close;
        query1.SQL.clear;
        query1.sql.add('INSERT INTO JUAL VALUES('+
            QuotedStr(ednobon2.text)+'+',
            QuotedStr(idcust)+'+',
            quotedstr(formatdatetime('mm/dd/yyyy',now))+'');
        query1.ExecSQL;
        ednobon2.Enabled := false;
        combobox1.enabled := false;
        edalamat.enabled:= false;
        edtelpt.Enabled := false;
        panel5.Visible := true;
        btnsimpan.enabled:= false;
        T_DJUAL.close;
        T_DJUAL.SQL.clear;
        T_DJUAL.sql.add('SELECT * FROM DETIL_JUAL WHERE NO_BON =' +
            Quotedstr(ednobon2.text));
        T_DJUAL.Open;
        T_DJUAL.Refresh;
    end;
end
else
end;

procedure TF_Penjualan.btntutupClick(Sender: TObject);
begin
close;
end;

procedure TF_Penjualan.BitBtn2Click(Sender: TObject);
var jmlh : integer;
    idcust: string;
begin
idcust := copy(lblnamacust.caption,Length(lblnamacust.caption)-4,5);
jmlh:= strtoint(inputbox('INPUT','Masukan jumlah barang =
',inttostr(dbgrid2.Fields[2].AsInteger - dbgrid2.fields[3].AsInteger)));
with datamodule1 do

```

```

begin
    query1.close;
    query1.SQL.clear;
    query1.sql.add('UPDATE DETIL_PESAN_JUAL SET '+
        'BANYAK_DITERIMA= BANYAK_DITERIMA + '+inttostr(jmlh)+' '+
'Where (NO_BON_PESAN =' +QuotedStr(ednobon.Text)+' ) and (KODE_BARANG
=' +QuotedStr(dbgrid2.Fields[0].AsString)+' );');
    query1.ExecSQL;
    query1.close;
    query1.SQL.clear;
    query1.sql.add('SELECT * FROM JUAL WHERE NO_BON =' +
Quotedstr(ednobon.text));
    query1.Open;
    if query1.Fields[0].Value = Null then
        begin
            query1.SQL.clear;
            query1.sql.add('INSERT INTO JUAL VALUES('+
                QuotedStr(ednobon.text)+' ,'+
                QuotedStr(idcust)+' ,'+
                quotedstr(formatdatetime('mm/dd/yyyy',now))+' );');
            query1.ExecSQL;
            end;
        query1.close;
        query1.SQL.clear;
        query1.sql.add('SELECT * FROM DETIL_JUAL WHERE (NO_BON =
'+QuotedStr(ednobon.text)+' ) and KODE_BARANG =' +
Quotedstr(dbgrid2.Fields[0].AsString));
        query1.Open;
        if query1.Fields[0].Value = Null then
            begin
                query1.SQL.clear;
                query1.sql.add('INSERT INTO DETIL_JUAL VALUES('+
                    QuotedStr(ednobon.text)+' ,'+
                    dbgrid2.Fields[4].AsString+' ,'+
                    inttostr(jmlh)+' ,'+
                    Quotedstr(dbgrid2.Fields[0].AsString)+' );');
                query1.ExecSQL;
            end
        else
            begin
                query1.close;
                query1.SQL.clear;
                query1.sql.add('UPDATE DETIL_JUAL SET '+
                    'BANYAK = BANYAK + '+inttostr(jmlh)+' '+
                    'Where (NO_BON =' +QuotedStr(ednobon.Text)+' ) and (KODE_BARANG
                    =' +QuotedStr(dbgrid2.Fields[0].AsString)+' );');
                query1.ExecSQL;
            end;
        query1.close;
        query1.SQL.clear;
        query1.sql.add('UPDATE BARANG SET '+

```



```

        'JUMLAH_BARANG = JUMLAH_BARANG + '+inttostr(jmlh)+' '+
        'Where KODE_BARANG =' +QuotedStr(dbgrid2.Fields[0].AsString)+';');
query1.ExecSQL;
query1.close;
query1.SQL.clear;
query1.sql.add('SELECT SUM(HARGA*BANYAK) FROM DETIL_JUAL WHERE
NO_BON =' + Quotedstr(ednobon.text));
query1.Open;
label8.caption := inttostr(query1.Fields[0].AsInteger);
IBTransaction1.Commit;
T_DPSNJUAL.Close;
T_DPSNJUAL.Open;
    T_DJUAL.close;
    T_DJUAL.SQL.clear;
    T_DJUAL.sql.add('SELECT * FROM DETIL_JUAL WHERE NO_BON =' +
    Quotedstr(ednobon.text));
    T_DJUAL.Open;
    T_DJUAL.refresh;
end;
end;

procedure TF_Penjualan.BitBtn3Click(Sender: TObject);
begin
with datamodule1 do
begin
query1.close;
query1.SQL.clear;
query1.sql.add('UPDATE BARANG SET '+
    'Jumlah_Barang= Jumlah_Barang + '+dbgrid4.Fields[2].AsString+' WHERE
    KODE_BARANG = '+Quotedstr(dbgrid4.Fields[3].AsString)+';');
query1.ExecSQL;
    query1.close;
query1.SQL.clear;
query1.sql.add('DELETE FROM DETIL_JUAL '+

    'Where(NO_BON=' +QuotedStr(ednobon2.text)+' )AND(KODE_BARANG=' +Quotedstr
    (dbgrid4.Fields[3].AsString)+' );');
query1.ExecSQL;
query1.close;
query1.SQL.clear;
query1.sql.add('SELECT SUM(HARGA*BANYAK) FROM DETIL_JUAL WHERE
NO_BON =' + Quotedstr(ednobon2.text));
query1.Open;

label8.caption := inttostr(query1.Fields[0].AsInteger);
Ibtransaction1.Commit;

T_DJUAL.refresh;
end;
end;
procedure TF_Penjualan.BitBtn1Click(Sender: TObject);

```

```

var jmlh : integer;

begin

jmlh:= strtoint(inputbox('INPUT','Masukan jumlah barang =
',inttostr(dbgrid1.Fields[2].AsInteger)));
with datamodule1 do
begin
if jmlh = dbgrid1.Fields[2].AsInteger then
begin
query1.close;
query1.SQL.clear;
query1.sql.add('DELETE FROM DETIL_JUAL '+
'Where (NO_BON =' +QuotedStr(ednobon.Text)+') and (KODE_BARANG
=' +QuotedStr(dbgrid1.Fields[3].AsString+');');
query1.ExecSQL ;

query1.close;
query1.SQL.clear;
query1.sql.add('UPDATE DETIL_PESAN_JUAL SET '+
'BANYAK_DITERIMA= BANYAK_DITERIMA - '+inttostr(jmlh)+' '+
'Where (NO_BON_PESAN =' +QuotedStr(ednobon.Text)+') and (KODE_BARANG
=' +QuotedStr(dbgrid1.Fields[3].AsString+');');
query1.ExecSQL;
label8.caption := '0';
end
else
begin
query1.close;
query1.SQL.clear;
query1.sql.add('UPDATE DETIL_JUAL SET '+
'BANYAK = BANYAK - '+inttostr(jmlh)+' '+
'Where (NO_BON =' +QuotedStr(ednobon.Text)+') and (KODE_BARANG
=' +QuotedStr(dbgrid1.Fields[3].AsString+');');
query1.ExecSQL;

query1.close;
query1.SQL.clear;
query1.sql.add('UPDATE DETIL_PESAN_JUAL SET '+
'BANYAK_DITERIMA= BANYAK_DITERIMA + '+inttostr(jmlh)+' '+
'Where (NO_BON_PESAN =' +QuotedStr(ednobon.Text)+') and (KODE_BARANG
=' +QuotedStr(dbgrid1.Fields[3].AsString+');');
query1.ExecSQL;

query1.close;
query1.SQL.clear;
query1.sql.add('SELECT SUM(HARGA*BANYAK) FROM DETIL_JUAL WHERE
NO_BON =' + Quotedstr(ednobon.text));
query1.Open;
label8.caption := inttostr(query1.Fields[0].AsInteger);

```

```

end;

T_DPSNJUAL.Close;
T_DPSNJUAL.SQL.clear;
T_DPSNJUAL.sql.add('SELECT * FROM DETIL_PESAN_JUAL WHERE
NO_BON_PESAN =' + Quotedstr(ednobon.text));
T_DPSNJUAL.Open;
T_DJUAL.close;
T_DJUAL.SQL.clear;
T_DJUAL.sql.add('SELECT * FROM DETIL_JUAL WHERE NO_BON =' +
Quotedstr(ednobon.text));
T_DJUAL.Open;
T_DJUAL.refresh;
end;
end;

procedure TF_Penjualan.BitBtn7Click(Sender: TObject);
var idcust : string;
begin
idcust := copy(combobox1.Text,Length(combobox1.Text)-4,5);
F_print.QRlabel10.Caption := ' Bon Penjualan Barang ';
F_print.QuickRep1.DataSet := datamodule1.T_DJUAL;

F_print.qrdbtext1.DataSet := datamodule1.T_DJUAL;
F_print.qrdbtext1.DataField := 'no_bon' ;
F_print.qrdbtext2.DataSet := datamodule1.T_DJUAL;
F_print.qrdbtext2.DataField := 'nama' ;
F_print.qrdbtext3.DataSet := datamodule1.T_DJUAL;
F_print.qrdbtext3.DataField := 'banyak' ;
F_print.qrdbtext4.DataSet := datamodule1.T_DJUAL;
F_print.qrdbtext4.DataField := 'harga' ;
F_print.qrdbtext5.DataSet := datamodule1.T_CUST;
F_print.qrdbtext5.DataField := 'nama' ;
F_print.qrdbtext6.DataSet := datamodule1.T_CUST;
F_print.qrdbtext6.DataField := 'alamat' ;
F_print.QRlabel14.Caption := formatdatetime('dd-mm-yyyy',now);

with datamodule1 do
begin
T_DPSNJUAL.close;
T_DPSNJUAL.SQL.clear;
T_DPSNJUAL.sql.add('SELECT * FROM DETIL_PESAN_JUAL WHERE
NO_BON_PESAN =' + Quotedstr(ednobon.text));
T_DPSNJUAL.Open;
T_CUST.close;
T_CUST.SQL.clear;
T_CUST.sql.add('SELECT * FROM CUSTOMER WHERE ID_CUST =' +
Quotedstr(idcust));
T_CUST.Open;
end;
end;

```

```

    F_print.qmlabel6.Caption := Label8.caption;
    F_print.quickrep1.Preview;
end;
end.

```

Kode pada F_Pesan Pembelian

```

unit U_PesanBeli;
interface
uses
    Windows, Messages, SysUtils, Variants, Classes, Graphics, Controls, Forms,
    Dialogs, Grids, DBGrids, ActnList, StdCtrls, Buttons, ExtCtrls, ComCtrls, Inifiles;
type
    TF_PesanPembelian = class(TForm)
        Panel1: TPanel;
        Label18: TLabel;
        Label19: TLabel;
        Panel2: TPanel;
        btnbaru: TBitBtn;
        btnsimpan: TBitBtn;
        btnbatal: TBitBtn;
        Panel3: TPanel;
        Label1: TLabel;
        Label2: TLabel;
        Label3: TLabel;
        Label7: TLabel;
        Label20: TLabel;
        ednobon: TEdit;
        edtglbon: TEdit;
        ComboBox1: TComboBox;
        edalamat: TEdit;
        edtelp: TEdit;
        Panel4: TPanel;
        Label5: TLabel;
        Label6: TLabel;
        Label9: TLabel;
        Label14: TLabel;
        ComboBox2: TComboBox;
        edjmlh: TEdit;
        BitBtn1: TBitBtn;
        BitBtn2: TBitBtn;
        Panel6: TPanel;
        btntutup: TBitBtn;
        ActionList1: TActionList;
        Baru: TAction;
        Simpan: TAction;
        Hapus: TAction;
        DBGrid1: TDBGrid;
        dtJt: TDateTimePicker;
        Label4: TLabel;
        BitBtn3: TBitBtn;
    end;

```

```

Label21: TLabel;
edhrg: TEdit;
Label10: TLabel;
lblkurs: TLabel;
Label8: TLabel;
BitBtn4: TBitBtn;
procedure BaruExecute(Sender: TObject);
procedure ComboBox1Change(Sender: TObject);
procedure SimpanExecute(Sender: TObject);
procedure BitBtn1Click(Sender: TObject);
procedure BitBtn2Click(Sender: TObject);
procedure btntutupClick(Sender: TObject);
procedure HapusExecute(Sender: TObject);
procedure BitBtn3Click(Sender: TObject);
procedure FormShow(Sender: TObject);
procedure BitBtn4Click(Sender: TObject);
private
  { Private declarations }
public
  { Public declarations }
end;
var
  F_PesanPembelian: TF_PesanPembelian;
  inedit : boolean;
implementation
uses U_DM, U_Email, U_Kurs, U_printPesanJual;
{$R *.dfm}
procedure TF_PesanPembelian.BaruExecute(Sender: TObject);
var id :integer;
begin
  inedit:= false;
  with datamodule1 do
  begin
    query1.close;
    query1.SQL.clear;
    query1.sql.add('SELECT MAX(NO_BON_PESAN) FROM PESAN_BELI');
    query1.Open;
    if query1.Fields[0].Value = null then
      ednobon.Text := FormatDateTime('yymmdd',now)+'0001'
    else
      begin
        id := strtoint(copy(query1.Fields[0].AsString,7,4));
        id := id + 1;
        ednobon.text := formatDateTime('yymmdd',now) + formatfloat('0000',id);
      end;
  end;
  edtglbon.text :=formatDateTime('dd-mm-yyyy',now) ;

  edalamat.text :=";
  edtelp.text :=";
  dtJt.Date:= now;

```

```

query1.close;
query1.SQL.clear;
query1.sql.add('SELECT NAMA||ID_SUPP FROM SUPPLIER');
query1.Open;
combobox1.Items.clear;
combobox1.Items.Add('-');
if query1.Fields[0].Value <> null then
    while NOT(query1.Eof) do
        begin
            combobox1.Items.add(query1.Fields[0].AsString);
            query1.Next ;
        end;
    combobox1.itemindex := 0;

query1.close;
query1.SQL.clear;
query1.sql.add('SELECT NAMA||KODE_BARANG FROM BARANG');
query1.Open;
combobox2.Items.clear;
combobox2.Items.Add('-');
if query1.Fields[0].Value <> null then
    while NOT(query1.Eof) do
        begin
            combobox2.Items.add(query1.Fields[0].AsString);
            query1.Next ;
        end;
    combobox2.itemindex := 0;
panel4.Visible := false;
btnsimpan.Enabled := true;
end;

end;

procedure TF_PesanPembelian.ComboBox1Change(Sender: TObject);
var idsupp: string;
begin
if combobox1.ItemIndex <> 0 then
    idsupp := copy(combobox1.Text,Length(combobox1.Text)-4,5);
    with datamodule1 do
        begin
            query1.close;
            query1.SQL.clear;
            query1.sql.add('SELECT ALAMAT,TELEPON FROM SUPPLIER WHERE ID_SUPP
            =' + Quotedstr(idsupp));
            query1.Open;
            if query1.Fields[0].Value <> null then
                begin
                    edalamat.text := query1.Fields[0].AsString;
                    edtelp.text := query1.Fields[1].AsString;
                end;
        end;
end;

```

```

end;
end;

procedure TF_PesanPembelian.SimpanExecute(Sender: TObject);
var idsupp : string;
begin
if combobox1.ItemIndex <> 0 then
idsupp := copy(combobox1.Text,Length(combobox1.Text)-4,5);
if not inedit then
begin
with datamodule1 do
begin
query1.close;
query1.SQL.clear;
query1.sql.add('INSERT INTO PESAN_BELI VALUES('+
QuotedStr(ednobon.text)+'+','+
QuotedStr(idsupp)+'+','+
quotedstr(formatdatetime('mm/dd/yyyy',now))+'+','+
quotedstr(formatdatetime('mm/dd/yyyy',dtjt.DateTime))+'');');
query1.ExecSQL;
ednobon.Enabled := false;
combobox1.enabled := false;
edalamat.enabled:= false;
edtelp.Enabled := false;
dtjt.Enabled := false;
panel4.Visible := true;
btnsimpan.enabled:= false;
end;
end
else
begin
with datamodule1 do
begin
query1.close;
query1.SQL.clear;
query1.sql.add('UPDATE PESAN_BELI SET '+
'ID_SUPP='+QuotedStr(idsupp)+'+','+
// 'TANGGAL_PESAN='+QuotedStr(formatdatetime('mm/dd/yyyy',strtodate('dd-mm-
yyyy',edtglbon.text)))+','+
'TANGGAL_JATUH_TEMPO='+
quotedstr(formatdatetime('mm/dd/yyyy',dtjt.DateTime))+
'Where NO_BON_PESAN='+QuotedStr(ednobon.Text)+'');');
query1.ExecSQL;
T_PSNBELI.refresh;
baru.Execute;
end;
end;
with datamodule1 do
begin
T_DPSNBELI.close;
T_DPSNBELI.SQL.clear;

```

```

        T_DPSNBELI.sql.add('SELECT * FROM DETIL_PESAN_BELI WHERE
NO_BON_PESAN =' + Quotedstr(ednobon.text));
        T_DPSNBELI.Open;
        T_DPSNBELI.Refresh;
    end;
end;

procedure TF_PesanPembelian.BitBtn1Click(Sender: TObject);
var kodebrg ,jmlh: string;
begin
jmlh:= intostr(strtoint(lblkurs.Caption) * strtoint(edhrng.text));
if combobox2.ItemIndex < 0 then
    kodebrg := copy(combobox2.Text,Length(combobox2.Text)-4,5);
    with datamodule1 do
        begin
            query1.close;
            query1.SQL.clear;
            query1.sql.add('INSERT INTO DETIL_PESAN_BELI VALUES('+
                QuotedStr(ednobon.text)+'+',
                //edhrng.text+'+',
                QuotedStr(jmlh)+'+',
                edjmlh.text+',0,0+',
                quotedstr(kodebrg)+''););
            query1.ExecSQL;
            //taro di pembelian
            { query1.close;
            query1.SQL.clear;
            query1.sql.add('UPDATE BARANG SET '+
                'Jumlah_Barang= Jumlah_Barang + '+edjmlh.text+' WHERE KODE_BARANG =
                '+Quotedstr(kodebrg)+''););
            query1.ExecSQL; }
            // T_Barang.refresh;
            query1.close;
            query1.SQL.clear;
            query1.sql.add('SELECT SUM(HARGA*BANYAK_DIPESAN) FROM
                DETIL_PESAN_BELI WHERE NO_BON_PESAN =' + Quotedstr(ednobon.text));
            query1.Open;
            label8.caption := intostr(query1.Fields[0].AsInteger);
            T_DPSNBeli.refresh;
        end;
    showmessage('Data telah tersimpan!');
end;

procedure TF_PesanPembelian.BitBtn2Click(Sender: TObject);
begin
with datamodule1 do
begin
    showmessage('yakin akan menghapus data ini?');
    query1.close;
    query1.SQL.clear;
    query1.sql.add('DELETE FROM DETIL_PESAN_BELI '+

```



```

        'Where
        (NO_BON_PESAN='+QuotedStr(ednobon.text)+')AND(KODE_BARANG='+QuotedStr(
        tr(dbgrid1.Fields[0].AsString)+'););
    query1.ExecSQL;
    query1.close;
    query1.SQL.clear;
    query1.sql.add('SELECT SUM(HARGA*BANYAK_DIPESAN) FROM
    DETIL_PESAN_BELI WHERE NO_BON_PESAN =' + QuotedStr(ednobon.text));
    query1.Open;
    label8.caption := inttostr(query1.Fields[0].AsInteger);
    T_DPSNBeli.refresh;
end;
end;

procedure TF_PesanPembelian.btntutupClick(Sender: TObject);
begin
close;
end;

procedure TF_PesanPembelian.HapusExecute(Sender: TObject);
begin
with datamodule1 do
begin
    query1.close;
    query1.SQL.clear;
    query1.sql.add('DELETE FROM PESAN_BELI'+
    'Where (NO_BON_PESAN='+QuotedStr(ednobon.text)+'););
    query1.ExecSQL ;
    query1.close;
    query1.SQL.clear;
    query1.sql.add('DELETE FROM DETIL_PESAN_BELI'+
    'Where (NO_BON_PESAN='+QuotedStr(ednobon.text)+'););
    query1.ExecSQL ;
    ednobon.text := '';
    edtglbon.Text:='';
    combobox1.ItemIndex := 0;
    edalamat.Text:='';
    edtelp.text := '';
    T_PSNJUAL.refresh;
    end;
end;

procedure TF_PesanPembelian.BitBtn3Click(Sender: TObject);
begin
F_Email.show;
end;

procedure TF_PesanPembelian.FormShow(Sender: TObject);
var KursIniFile:TIniFile;
    IniFileName:TFileName;
    Kurs:real;

```

```

    //status:string;
begin
    IniFileName:=ExtractFilePath(Application.ExeName)+'Kurs.ini';
    KursIniFile:=TIniFile.Create(IniFileName);
    kurs:=KursIniFile.ReadFloat('Kurs','kurs',0);
    lblkurs.Caption := floattostr(kurs);
end;

procedure TF_PesanPembelian.BitBtn4Click(Sender: TObject);
var idsupp : string;
begin
    idsupp := copy(combobox1.Text,Length(combobox1.Text)-4,5);
    F_print.QRLabel10.Caption := ' Bon Pemesanan Barang Beli ';
    F_print.QuickRep1.DataSet := datamodule1.T_DPSNBELI;
    F_print.qrdbtext1.DataSet := datamodule1.T_DPSNBELI;
    F_print.qrdbtext1.DataField := 'no_bon_pesan' ;
    F_print.qrdbtext2.DataSet := datamodule1.T_DPSNBELI;
    F_print.qrdbtext2.DataField := 'nama' ;
    F_print.qrdbtext3.DataSet := datamodule1.T_DPSNBELI;
    F_print.qrdbtext3.DataField := 'banyak_dipesan' ;
    F_print.qrdbtext4.DataSet := datamodule1.T_DPSNBELI;
    F_print.qrdbtext4.DataField := 'harga' ;
    F_print.qrdbtext5.DataSet := datamodule1.T_SUPP;
    F_print.qrdbtext5.DataField := 'nama' ;
    F_print.qrdbtext6.DataSet := datamodule1.T_SUPP;
    F_print.qrdbtext6.DataField := 'alamat' ;
    F_print.QRLabel14.Caption := formatdatetime('dd-mm-yyyy',now);
    with datamodule1 do
        begin
            T_DPSNBELI.close;
            T_DPSNBELI.SQL.clear;
            T_DPSNBELI.sql.add('SELECT * FROM DETIL_PESAN_BELI WHERE
                NO_BON_PESAN =' + Quotedstr(ednobon.text));
            T_DPSNBELI.Open;
            T_SUPP.close;
            T_SUPP.SQL.clear;
            T_SUPP.sql.add('SELECT * FROM SUPPLIER WHERE ID_SUPP =' +
                Quotedstr(idsupp));
            T_SUPP.Open;
        end;
    F_print.qrlabel6.Caption := Label8.caption;
    F_print.quickrep1.Preview;
end;
end.

```

Kode pada F_Pesanpenjualan

```

unit U_PesanJual;
interface
uses
    Windows, Messages, SysUtils, Variants, Classes, Graphics, Controls, Forms,

```

Dialogs, StdCtrls, DBCtrls, Mask, Grids, DBGrids, Buttons, ExtCtrls,
ActnList, ComCtrls;

type

```
TF_PesanPenjualan = class(TForm)
    Panel1: TPanel;
    Label18: TLabel;
    Label19: TLabel;
    Panel2: TPanel;
    btnbaru: TBitBtn;
    btnsimpan: TBitBtn;
    btnbatal: TBitBtn;
    Panel3: TPanel;
    Label1: TLabel;
    Label2: TLabel;
    Label3: TLabel;
    Panel4: TPanel;
    Panel6: TPanel;
    btntutup: TBitBtn;
    ednobon: TEdit;
    edtglbon: TEdit;
    ComboBox1: TComboBox;
    DBGrid1: TDBGrid;
    Label4: TLabel;
    ComboBox2: TComboBox;
    edjmlh: TEdit;
    BitBtn1: TBitBtn;
    BitBtn2: TBitBtn;
    Label5: TLabel;
    Label6: TLabel;
    Label7: TLabel;
    edalamat: TEdit;
    Label20: TLabel;
    edtelp: TEdit;
    ActionList1: TActionList;
    Baru: TAction;
    Simpan: TAction;
    Hapus: TAction;
    dtJt: TDateTimePicker;
    Label21: TLabel;
    edhrp: TEdit;
    Label9: TLabel;
    Label14: TLabel;
    Label8: TLabel;
    BitBtn3: TBitBtn;
    procedure BaruExecute(Sender: TObject);
    procedure ComboBox1Change(Sender: TObject);
    procedure SimpanExecute(Sender: TObject);
    procedure BitBtn1Click(Sender: TObject);
    procedure BitBtn2Click(Sender: TObject);
    procedure ednobonExit(Sender: TObject);
    procedure FormShow(Sender: TObject);
```

```

procedure btntutupClick(Sender: TObject);
procedure HapusExecute(Sender: TObject);
procedure BitBtn3Click(Sender: TObject);
procedure ComboBox2Change(Sender: TObject);
private
  { Private declarations }
public
  { Public declarations }
end;
var
  F_PesanPenjualan: TF_PesanPenjualan;
  inedit : Boolean;
implementation
uses U_DM, U_printPesanJual;
{$R *.dfm}
procedure TF_PesanPenjualan.BaruExecute(Sender: TObject);
var id :integer;
begin
  inedit:= false;
  with datamodule1 do
  begin
    query1.close;
    query1.SQL.clear;
    query1.sql.add('SELECT MAX(NO_BON_PESAN) FROM PESAN_JUAL');
    query1.Open;
    if query1.Fields[0].Value = null then
      ednobon.Text := FormatDateTime('yymmdd',now)+'0001'
    else
      begin
        id := strtoint(copy(query1.Fields[0].AsString,7,4));
        id := id + 1;
        ednobon.text := formatDateTime('yymmdd',now) + formatfloat('0000',id);
      end;
    edtglbon.text :=formatDateTime('dd-mm-yyyy',now) ;
    edalamat.text :=";
    edtelp.text :=";
    dtJt.Date:= now;
    query1.close;
    query1.SQL.clear;
    query1.sql.add('SELECT NAMA||ID_CUST FROM CUSTOMER');
    query1.Open;
    combobox1.Items.clear;
    combobox1.Items.Add('-');
    if query1.Fields[0].Value <> null then
      while NOT(query1.Eof) do
        begin
          combobox1.Items.add(query1.Fields[0].AsString);
          query1.Next ;
        end;
    combobox1.itemindex := 0;
  end;
end;

```

```

query1.close;
query1.SQL.clear;
query1.sql.add('SELECT NAMA||KODE_BARANG FROM BARANG');
query1.Open;
combobox2.Items.clear;
combobox2.Items.Add('-');
if query1.Fields[0].Value <> null then
    while NOT(query1.Eof) do
        begin
            combobox2.Items.add(query1.Fields[0].AsString);
            query1.Next ;
        end;
    combobox2.itemindex := 0;
    panel4.Visible := false;
    btnsimpan.enabled := true;
end;
end;
procedure TF_PesanPenjualan.ComboBox1Change(Sender: TObject);
var idcust : string;
begin
if combobox1.ItemIndex <> 0 then
    idcust := copy(combobox1.Text,Length(combobox1.Text)-4,5);
    with datamodule1 do
        begin
            query1.close;
            query1.SQL.clear;
            query1.sql.add('SELECT ALAMAT,TELEPON FROM CUSTOMER WHERE ID_CUST
            =' + QuotedStr(idcust));
            query1.Open;
            if query1.Fields[0].Value <> null then
                begin
                    edalamat.text := query1.Fields[0].AsString;
                    edtelp.text := query1.Fields[1].AsString;
                end;
            end;
end;
end;

procedure TF_PesanPenjualan.SimpanExecute(Sender: TObject);
var idcust : string;
begin
if combobox1.ItemIndex <> 0 then
    idcust := copy(combobox1.Text,Length(combobox1.Text)-4,5);
if not inedit then
begin
with datamodule1 do
begin
query1.close;
query1.SQL.clear;
query1.sql.add('INSERT INTO PESAN_JUAL VALUES(+
QuotedStr(ednobon.text)+'+','+
QuotedStr(idcust)+'+','+

```

```

        quotedstr(formatdatetime('mm/dd/yyyy',now))+','+
        quotedstr(formatdatetime('mm/dd/yyyy',dtjt.DateTime))+'););
query1.ExecSQL;
ednobon.Enabled := false;
combobox1.enabled := false;
edalamat.enabled:= false;
edtelp.Enabled := false;
dtjt.Enabled := false;
panel4.Visible := true;
btnsimpan.enabled:= false;
end;
end
else
begin
with datamodule1 do
begin
query1.close;
query1.SQL.clear;
query1.sql.add('UPDATE PESAN_JUAL SET '+
    'ID_CUST='+QuotedStr(idcust)+','+
    '// TANGGAL_PESAN='+QuotedStr(formatdatetime('mm/dd/yyyy',strto date('dd-mm-
yyyy',edtglbon.text)))+','+
    'TANGGAL_JATUH_TEMPO='+
    quotedstr(formatdatetime('mm/dd/yyyy',dtjt.DateTime))+
    'Where NO_BON_PESAN='+QuotedStr(ednobon.Text)+');');
query1.ExecSQL;
T_PSNJUAL.refresh;
baru.Execute;
end;
end;
with datamodule1 do
begin
T_DPSNJUAL.close;
T_DPSNJUAL.SQL.clear;
T_DPSNJUAL.sql.add('SELECT * FROM DETIL_PESAN_JUAL WHERE
NO_BON_PESAN =' + Quotedstr(ednobon.text));
T_DPSNJUAL.Open;
T_DPSNJUAL.Refresh;
end;
end;

procedure TF_PesanPenjualan.BitBtn1Click(Sender: TObject);
var kodebrg : string;
    tothrg : integer;
begin
if combobox2.ItemIndex <> 0 then
kodebrg := copy(combobox2.Text,Length(combobox2.Text)-4,5);
with datamodule1 do
begin
query1.close;
query1.SQL.clear;

```

```

query1.sql.add('INSERT INTO DETIL_PESAN_JUAL VALUES('+
  QuotedStr(ednobon.text)+'+',
  edhrp.text+'+',
  edjmlh.text+',0,0, '+
  quotedstr(kodebrg)+'');');
query1.ExecSQL;
//taro di penjualan
{ query1.close;
query1.SQL.clear;
query1.sql.add('UPDATE BARANG SET '+
  'Jumlah_Barang= Jumlah_Barang + '+edjmlh.text+' WHERE KODE_BARANG =
  '+Quotedstr(kodebrg)+'');');
query1.ExecSQL; }
// T_Barang.refresh;
query1.close;
query1.SQL.clear;
query1.sql.add('SELECT SUM(HARGA*BANYAK_DIPESAN) FROM
DETIL_PESAN_JUAL WHERE NO_BON_PESAN =' + Quotedstr(ednobon.text));
query1.Open;
label8.caption := inttostr(query1.Fields[0].AsInteger);
T_DPSNJual.refresh;
end;
end;

procedure TF_PesanPenjualan.BitBtn2Click(Sender: TObject);
begin
  with datamodule1 do
    begin
      showmessage('yakin akan menghapus data ini?');
      query1.close;
      query1.SQL.clear;
      query1.sql.add('DELETE FROM DETIL_PESAN_JUAL '+
        'Where
        (NO_BON_PESAN=' + QuotedStr(ednobon.text) + ') AND (KODE_BARANG=' + Quotedst
        r(dbgrid1.Fields[0].AsString) + ');');
      query1.ExecSQL;
      query1.close;
      query1.SQL.clear;
      query1.sql.add('SELECT SUM(HARGA*BANYAK_DIPESAN) FROM
DETIL_PESAN_JUAL WHERE NO_BON_PESAN =' + Quotedstr(ednobon.text));
      query1.Open;
      label8.caption := inttostr(query1.Fields[0].AsInteger);
      T_DPSNJUAL.refresh;
    end;
  end;

procedure TF_PesanPenjualan.ednobonExit(Sender: TObject);
var idcust:string;
begin
  with datamodule1 do
    begin

```

```

query1.close;
query1.SQL.clear;
query1.sql.add('SELECT NAMA||ID_CUST FROM CUSTOMER');
query1.Open;
combobox1.Items.clear;
combobox1.Items.Add('-');
if query1.Fields[0].Value <> null then
    while NOT(query1.Eof) do
        begin
            combobox1.Items.add(query1.Fields[0].AsString);
            query1.Next ;
        end;
combobox1.itemindex := 0;
query1.close;
query1.SQL.clear;
query1.sql.add('SELECT * FROM PESAN_JUAL WHERE NO_BON_PESAN =' +
Quotedstr(ednobon.text));
query1.Open;
if query1.Fields[0].Value <> Null then
begin
inedit := true;
edtglbon.text := query1.Fields[2].AsString;
idcust := query1.Fields[1].AsString;
//dtJt.Date := StrToDate(query1.Fields[3].AsString);
query1.close;
query1.SQL.clear;
query1.sql.add('SELECT NAMA||ID_CUST,ALAMAT,TELEPON FROM
CUSTOMER WHERE ID_CUST =' + Quotedstr(idcust));
query1.Open;
combobox1.text := query1.Fields[0].AsString;
edalamat.text := query1.Fields[1].AsString;
edtelpon.text := query1.Fields[2].AsString;
query1.close;
query1.SQL.clear;
query1.sql.add('SELECT NAMA||KODE_BARANG FROM BARANG');
query1.Open;
combobox2.Items.clear;
combobox2.Items.Add('-');
if query1.Fields[0].Value <> null then
    while NOT(query1.Eof) do
        begin
            combobox2.Items.add(query1.Fields[0].AsString);
            query1.Next ;
        end;
combobox2.itemindex := 0;
query1.close;
query1.SQL.clear;
query1.sql.add('SELECT SUM(HARGA*BANYAK_DIPESAN) FROM
DETIL_PESAN_JUAL WHERE NO_BON_PESAN =' + Quotedstr(ednobon.text));
query1.Open;

```



```

label8.caption := inttostr(query1.Fields[0].AsInteger);
T_DPSNJUAL.close;
T_DPSNJUAL.SQL.clear;
T_DPSNJUAL.sql.add('SELECT * FROM DETIL_PESAN_JUAL WHERE
NO_BON_PESAN =' + Quotedstr(ednobon.text));
T_DPSNJUAL.Open;
T_DPSNJUAL.Refresh;
end
else
showmessage('Data tidak temukan');
end;
end;

procedure TF_PesanPenjualan.FormShow(Sender: TObject);
begin
with datamodule1 do
begin
query1.close;
query1.SQL.clear;
query1.sql.add('SELECT NAMA||ID_CUST FROM CUSTOMER');
query1.Open;
combobox1.Items.clear;
combobox1.Items.Add('-');
if query1.Fields[0].Value <> null then
while NOT(query1.Eof) do
begin
combobox1.Items.add(query1.Fields[0].AsString);
query1.Next ;
end;
combobox1.itemindex := 0;
end;
end;

procedure TF_PesanPenjualan.btntutupClick(Sender: TObject);
begin
close;
end;

procedure TF_PesanPenjualan.HapusExecute(Sender: TObject);
begin
with datamodule1 do
begin
query1.close;
query1.SQL.clear;
query1.sql.add('DELETE FROM PESAN_JUAL '+
'Where (NO_BON_PESAN='+QuotedStr(ednobon.text)+)');
query1.ExecSQL ;
query1.close;
query1.SQL.clear;
query1.sql.add('DELETE FROM DETIL_PESAN_JUAL '+
'Where (NO_BON_PESAN='+QuotedStr(ednobon.text)+)');

```

```

query1.ExecSQL ;
ednobon.text := "";
edtglbon.Text:="";
combobox1.ItemIndex := 0;
edalamat.Text:= "";
edtelp.text := "";
T_PSNJUAL.refresh;
end;
end;

procedure TF_PesanPenjualan.BitBtn3Click(Sender: TObject);
var idcust : string;
begin
idcust := copy(combobox1.Text,Length(combobox1.Text)-4,5);
F_print.QRlabel10.Caption := ' Bon Pemesanan Barang Jual ';
F_print.QuickRep1.DataSet := datamodule1.T_DPSNJUAL;

F_print.qrdbtext1.DataSet := datamodule1.T_DPSNJUAL;
F_print.qrdbtext1.DataField := 'no_bon_pesan' ;
F_print.qrdbtext2.DataSet := datamodule1.T_DPSNJUAL;
F_print.qrdbtext2.DataField := 'nama' ;
F_print.qrdbtext3.DataSet := datamodule1.T_DPSNJUAL;
F_print.qrdbtext3.DataField := 'banyak_dipesan' ;
F_print.qrdbtext4.DataSet := datamodule1.T_DPSNJUAL;
F_print.qrdbtext4.DataField := 'harga' ;
F_print.qrdbtext5.DataSet := datamodule1.T_CUST;
F_print.qrdbtext5.DataField := 'nama' ;
F_print.qrdbtext6.DataSet := datamodule1.T_CUST;
F_print.qrdbtext6.DataField := 'alamat' ;

F_print.QRlabel14.Caption := formatdatetime('dd-mm-yyyy',now);

with datamodule1 do
begin
T_DPSNJUAL.close;
T_DPSNJUAL.SQL.clear;
T_DPSNJUAL.sql.add('SELECT * FROM DETIL_PESAN_JUAL WHERE
NO_BON_PESAN =' + Quotedstr(ednobon.text));
T_DPSNJUAL.Open;
T_CUST.close;
T_CUST.SQL.clear;
T_CUST.sql.add('SELECT * FROM CUSTOMER WHERE ID_CUST =' +
Quotedstr(idcust));
T_CUST.Open;
end;
F_print.qrlabel6.Caption := Label8.caption;
F_print.quickrep1.Preview;
end;

procedure TF_PesanPenjualan.ComboBox2Change(Sender: TObject);
var kode : string;

```

```

begin
if combobox2.ItemIndex <> 0 then
kode := copy(combobox2.Text,Length(combobox2.Text)-4,5);
with datamodule1 do
begin
query1.close;
query1.SQL.clear;
query1.sql.add('SELECT HARGA_JUAL FROM BARANG WHERE KODE_BARANG
='+ Quotedstr(kode));
query1.Open;
edhrq.text := query1.Fields[0].asString;
end;
end;
end.

```

Kode pada F_Print

```

unit U_printPesanJual;
interface
uses
Windows, Messages, SysUtils, Variants, Classes, Graphics, Controls, Forms,
Dialogs, QRCtrls, QuickRpt, ExtCtrls, StdCtrls, Buttons;

type
TF_Print = class(TForm)
QuickRep1: TQuickRep;
QRBand1: TQRBand;
QRBand2: TQRBand;
QRBand3: TQRBand;
QRDBText2: TQRDBText;
QRBand4: TQRBand;
QRLabel5: TQRLabel;
QRLabel6: TQRLabel;
QRDBText3: TQRDBText;
QRDBText1: TQRDBText;
QRLabel2: TQRLabel;
QRDBText4: TQRDBText;
QRLabel3: TQRLabel;
QRLabel4: TQRLabel;
QRLabel7: TQRLabel;
QRBand5: TQRBand;
QRLabel1: TQRLabel;
QRLabel8: TQRLabel;
QRDBText5: TQRDBText;
QRLabel9: TQRLabel;
QRDBText6: TQRDBText;
QRBand6: TQRBand;
QRLabel11: TQRLabel;
QRLabel12: TQRLabel;
QRLabel13: TQRLabel;
QRLabel14: TQRLabel;

```

```

    QRLabel10: TQRLabel;
    QRLabel15: TQRLabel;
    QRLabel16: TQRLabel;
private
    { Private declarations }
public
    { Public declarations }
end;
var
    F_Print: TF_Print;
implementation
    uses U_DM,U_PesanJual ;
    {$R *.dfm}
end.

```

Kode pada F_Rekapstok

```

unit U_RekapStok;
interface
uses
    Windows, Messages, SysUtils, Variants, Classes, Graphics, Controls, Forms,
    Dialogs, ActnList, StdCtrls, Buttons, Grids, DBGrids, ExtCtrls;
type
    TF_RekapStok = class(TForm)
        Panel1: TPanel;
        Label18: TLabel;
        Label19: TLabel;
        Panel2: TPanel;
        Panel6: TPanel;
        DBGrid1: TDBGrid;
        Panel10: TPanel;
        btntutup: TBitBtn;
        ActionList1: TActionList;
        Baru: TAction;
        Edit: TAction;
        Hapus: TAction;
        Label1: TLabel;
        btncancel: TBitBtn;
        btnupdate: TBitBtn;
        btnbatal: TBitBtn;
        Label2: TLabel;
        Label3: TLabel;
        Label4: TLabel;
        Label7: TLabel;
        Label8: TLabel;
        Label5: TLabel;
        Edkonversi: TEdit;
        ComboBox1: TComboBox;
        Edsat: TEdit;
        Edkat: TEdit;
    end;

```

```

Ednama: TEdit;
edkode: TEdit;
Edjumlah: TEdit;
Label6: TLabel;
Edhrjual: TEdit;
Label9: TLabel;
Label10: TLabel;
Label12: TLabel;
edmargin: TEdit;
edhrbeli: TEdit;
procedure btntutupClick(Sender: TObject);
procedure FormCreate(Sender: TObject);
procedure EditExecute(Sender: TObject);
procedure btnupdateClick(Sender: TObject);
procedure btnbatalstimpanClick(Sender: TObject);
procedure edhrbeliExit(Sender: TObject);
procedure edmarginExit(Sender: TObject);
private
  { Private declarations }
public
  { Public declarations }
end;
var
  F_RekapStok: TF_RekapStok;
implementation
  uses U_DM;
  {$R *.dfm}

procedure TF_RekapStok.btntutupClick(Sender: TObject);
begin
close;
end;

procedure TF_RekapStok.FormCreate(Sender: TObject);
begin
datamodule1.T_BARANG.Open;
end;

procedure TF_RekapStok.EditExecute(Sender: TObject);
begin
edkode.text := dbgrid1.Fields[0].AsString ;
btnbatalstimpan.enabled := true;
btnupdate.Enabled := true;
with datamodule1 do
  begin
    query1.close;
    query1.SQL.clear;
    query1.sql.add('SELECT NAMA||KODE_BARANG_INDUK FROM BARANG
WHERE KODE_BARANG = '+QuotedStr(edkode.Text));
    query1.Open;
  end;
end;

```

```

ednama.text := dbgrid1.Fields[1].AsString ;
edkat.text := dbgrid1.Fields[2].AsString ;
edsat.text := dbgrid1.Fields[3].AsString ;
edjumlah.text := dbgrid1.Fields[4].AsString;
edhrjual.text := dbgrid1.Fields[5].AsString;
if datamodule1.Query1.Fields[0].Value <> null then
combobox1.Text:=datamodule1.query1.fields[0].AsString
else
combobox1.ItemIndex := 0;
edkonversi.text := dbgrid1.Fields[7].AsString ;
end;

procedure TF_RekapStok.btnupdateClick(Sender: TObject);
var kodebarang : string;
begin
if combobox1.ItemIndex= 0 then
kodebarang := 'Null'
else
kodebarang := copy(combobox1.Text,Length(combobox1.Text)-4,5);
with datamodule1 do
begin
query1.close;
query1.SQL.clear;
query1.sql.add('UPDATE BARANG SET '+
'Nama='+QuotedStr(ednama.text)+'+',
'Kategori='+QuotedStr(edkat.text)+'+',
'Satuan='+QuotedStr(edsat.text)+'+',
'Jumlah_Barang='+edjumlah.text+'+',
'Harga_Jual='+edhrjual.text+'+',
'Kode_Barang_Induk='+QuotedStr(kodebarang)+'+',
'JUMLAH_KONVERSI='+ edkonversi.text +
'Where Kode_Barang='+QuotedStr(edkode.Text)+'');
query1.ExecSQL;
T_Barang.refresh;
end;
edkode.text := "";
ednama.text := "";
edkat.text:= "";
edsat.text:= "";
combobox1.Itemindex := 0 ;
edkonversi.Text := "";
edjumlah.text := "";
edhrjual.text:= "";
end;

procedure TF_RekapStok.btnbatalstokClick(Sender: TObject);
begin
edkode.text := "";
ednama.text := "";
edkat.text:= "";
edsat.text:= "";

```

```

combobox1.Itemindex := 0 ;
edkonversi.Text := "";
edjumlah.text := "";
edhrjual.text:= "";
btnupdate.Enabled := false;
btnbatalsimpan.enabled:= false;
end;

procedure TF_RekapStok.edhrgebeliExit(Sender: TObject);
var beli,jual,margin : real;
begin
    beli := strtofloat(edhrgebeli.text);
    margin := strtofloat(edmargin.text);
    jual := beli*margin/100;
    edhrjual.text := floattostr(jual);
end;

procedure TF_RekapStok.edmarginExit(Sender: TObject);
var beli,jual,margin : real;
begin
    beli := strtofloat(edhrgebeli.text);
    margin := strtofloat(edmargin.text);
    jual := beli*margin/100;
    edhrjual.text := floattostr(jual);
end;
end.

```

Kode pada F_Returnbeli

```

unit U_ReturnBeli;
interface
uses
    Windows, Messages, SysUtils, Variants, Classes, Graphics, Controls, Forms,
    Dialogs, ActnList, Grids, DBGrids, StdCtrls, Buttons, ExtCtrls;
type
    TF_ReturnBeli = class(TForm)
        Panel1: TPanel;
        Label18: TLabel;
        Label19: TLabel;
        Panel2: TPanel;
        btnbaru: TBitBtn;
        btnsimpan: TBitBtn;
        btnbatal: TBitBtn;
        Panel3: TPanel;
        Label4: TLabel;
        Label5: TLabel;
        Label8: TLabel;
        ednoret: TEdit;
        Panel4: TPanel;
        Label1: TLabel;

```

```

Label2: TLabel;
Label3: TLabel;
Label7: TLabel;
lblnamasup: TLabel;
lblalamatsup: TLabel;
Label20: TLabel;
lbltelpsup: TLabel;
DBGrid1: TDBGrid;
DBGrid2: TDBGrid;
BitBtn1: TBitBtn;
BitBtn2: TBitBtn;
ednobon: TEdit;
edtglbon: TEdit;
Panel6: TPanel;
btntutup: TBitBtn;
BitBtn3: TBitBtn;
ActionList1: TActionList;
Baru: TAction;
Simpan: TAction;
Hapus: TAction;
procedure BaruExecute(Sender: TObject);
procedure SimpanExecute(Sender: TObject);
procedure HapusExecute(Sender: TObject);
procedure BitBtn2Click(Sender: TObject);
procedure BitBtn3Click(Sender: TObject);
procedure ednobonExit(Sender: TObject);
procedure BitBtn1Click(Sender: TObject);
procedure btntutupClick(Sender: TObject);
private
  { Private declarations }
public
  { Public declarations }
end;
var
  F_ReturBeli: TF_ReturBeli;
implementation
uses U_DM, U_printPesanJual;
{$R *.dfm}

procedure TF_ReturBeli.BaruExecute(Sender: TObject);
var id :integer;
begin
  with datamodule1 do
  begin
    query1.close;
    query1.SQL.clear;
    query1.sql.add('SELECT MAX(NO_BON) FROM RETUR_BELI');
    query1.Open;
    if query1.Fields[0].Value = null then
      ednoret.text := FormatDateTime('yymmdd',now)+'0001'
    else

```



```

begin
  id := strtoint(copy(query1.Fields[0].AsString,7,4));
  id := id + 1;
  ednoret.text := formatDateTime('yymmdd',now) + formatfloat('0000',id);
end;
label8.caption:=formatDateTime('dd-mm-yyyy',now) ;
end;
btnsimpan.enabled := true;
ednobon.Enabled := true;
btnbaru.enabled := false;
btnbatal.enabled := false;
panel4.Visible := true;
end;

procedure TF_ReturBeli.SimpanExecute(Sender: TObject);
var idsupp : string;
begin
idsupp := copy(lblnamasup.caption,Length(lblnamasup.caption)-4,5);
with datamodule1 do
begin
  query1.close;
  query1.SQL.clear;
  query1.sql.add('INSERT INTO RETUR_BELI VALUES('+
    QuotedStr(ednoret.text)+'+',
    QuotedStr(idsupp)+'+',
    quotedstr(formatdatetime('mm/dd/yyyy',now))+'');');
  query1.ExecSQL;
  //ednobon.Enabled := false;
  edtglbon.enabled := true;
  lblalamasup.enabled:= true;
  lbltelpsup.Enabled := true;
  lblnamasup.Enabled := true;
  btnsimpan.enabled:= false;
  btnbaru.enabled := true;
  btnbatal.Enabled := true;
  bitbtn1.enabled := true;
  bitbtn2.enabled := true;
  ibtransaction1.Commit;
  T_DBELI.close;
  T_DBELI.SQL.clear;
  T_DBELI.sql.add('SELECT * FROM DETIL_BELI WHERE NO_BON ='+'
    Quotedstr(ednobon.text));
  T_DBELI.Open;
  T_DBELI.Refresh;
  T_RETURNBELI.close;
  T_RETURNBELI.SQL.clear;
  T_RETURNBELI.sql.add('SELECT * FROM RETUR_BELI WHERE NO_BON ='+'
    Quotedstr(ednoret.text));
  T_RETURNBELI.Open;
  T_RETURNBELI.Refresh;

```

```

end;
end;

procedure TF_ReturBeli.HapusExecute(Sender: TObject);
begin
with datamodule1 do
begin
query1.close;
query1.SQL.clear;
query1.sql.add('DELETE FROM RETUR_BELI '+
'Where No_Bon='+QuotedStr(ednoret.text)+'');
query1.ExecSQL;
IBtransaction1.Commit;
T_ReturBeli.refresh;
baru.Execute ;
end;
btnbaru.Enabled := true;
btnbatal.enabled := false;
end;

procedure TF_ReturBeli.BitBtn2Click(Sender: TObject);
var jmlh : integer;
begin
jmlh:= strtoint(inputbox('INPUT','Masukan jumlah barang =
',inttostr(dbgrid2.Fields[3].AsInteger)));
with datamodule1 do
begin
query1.close;
query1.SQL.clear;
query1.sql.add('UPDATE BARANG SET '+
'JUMLAH_BARANG = JUMLAH_BARANG + '+inttostr(jmlh)+' '+
'Where KODE_BARANG = '+QuotedStr(dbgrid2.Fields[1].AsString)+'');
query1.ExecSQL;

query1.Close;
query1.SQL.clear;
query1.sql.add('INSERT INTO DETIL_RETUR_BELI VALUES('+
QuotedStr(ednoret.text)+' '+
QuotedStr(dbgrid2.Fields[1].AsString)+' '+
IntToStr(jmlh)+' '+
dbgrid2.Fields[2].AsString+'');
query1.ExecSQL;

IBTransaction1.Commit;
T_DBELI.Close;
T_DBELI.open;
T_DRETURBELI.close;
T_DRETURBELI.SQL.clear;
T_DRETURBELI.sql.add('SELECT * FROM DETIL_RETUR_BELI WHERE
NO_BON =' + Quotedstr(ednoret.text));
T_DRETURBELI.Open;

```

```

        T_DRETURBELI.refresh;
end;
end;

procedure TF_ReturBeli.BitBtn3Click(Sender: TObject);
var idsupp : string;
begin
    idsupp := copy(lblnamasup.caption,Length(lblnamasup.caption)-4,5);
    F_print.QRlabel10.Caption := ' Bon Retur Barang Beli ';
    F_print.QuickRep1.DataSet := datamodule1.T_DRETURBELI;
    F_print.qrdbtext1.DataSet := datamodule1.T_DRETURBELI;
    F_print.qrdbtext1.DataField := 'no_bon' ;
    F_print.qrdbtext2.DataSet := datamodule1.T_DRETURBELI;
    F_print.qrdbtext2.DataField := 'nama';
    F_print.qrdbtext3.DataSet := datamodule1.T_DRETURBELI;
    F_print.qrdbtext3.DataField := 'BANYAK' ;
    F_print.qrdbtext4.DataSet := datamodule1.T_DRETURBELI;
    F_print.qrdbtext4.DataField := 'harga' ;
    F_print.qrdbtext5.DataSet := datamodule1.T_SUPP;
    F_print.qrdbtext5.DataField := 'nama' ;
    F_print.qrdbtext6.DataSet := datamodule1.T_SUPP;
    F_print.qrdbtext6.DataField := 'alamat' ;
    F_print.QRlabel14.Caption := formatdatetime('dd-mm-yyyy',now);
    with datamodule1 do
        begin
            T_DRETURBELI.close;
            T_DRETURBELI.SQL.clear;
            T_DRETURBELI.sql.add('SELECT * FROM DETIL_RETUR_BELI WHERE
            NO_BON='+ Quotedstr(ednoret.text));
            T_DRETURBELI.Open;
            T_SUPP.close;
            T_SUPP.SQL.clear;
            T_SUPP.sql.add('SELECT * FROM SUPPLIER WHERE ID_SUPP =' +
            Quotedstr(idsupp));
            T_SUPP.Open;
        end;
        F_print.qrlabel6.Caption :=";
        F_print.quickrep1.Preview;
end;

procedure TF_ReturBeli.ednobonExit(Sender: TObject);
var idsupp:string;
begin
    with datamodule1 do
        begin
            query1.close;
            query1.SQL.clear;
            query1.sql.add('SELECT * FROM BELI WHERE NO_BON =' +
            Quotedstr(ednobon.text));
            query1.Open;
            if query1.Fields[0].Value <> Null then

```

```

begin
  edtglbon.text := query1.fields[2].AsString;
  idsupp := query1.Fields[1].AsString;
  //dtJt.Date := StrToDate(query1.Fields[3].AsString);
  query1.close;
  query1.SQL.clear;
  query1.sql.add('SELECT NAMA||ID_SUPP,ALAMAT,TELEPON FROM SUPPLIER
  WHERE ID_SUPP =' + Quotedstr(idsupp));
  query1.Open;
  lblnamasup.caption := query1.Fields[0].AsString;
  lblalamasup.caption := query1.Fields[1].AsString;
  lbltelpsup.caption := query1.Fields[2].AsString;
  ibtransaction1.Commit;
  T_DBELI.close;
  T_DBELI.SQL.clear;
  T_DBELI.sql.add('SELECT * FROM DETIL_BELI WHERE NO_BON =' +
  Quotedstr(ednombon.text));
  T_DBELI.Open;
  T_DBELI.Refresh;
  //T_DPSNBELI.Refresh;
end
else
  showmessage('Data tidak temukan');
end;
end;

```

```

procedure TF_ReturBeli.BitBtn1Click(Sender: TObject);
var jmlh : integer;
begin
  jmlh:= strtoint(inputbox('INPUT','Masukan jumlah barang =
  ',inttostr(dbgrid1.Fields[3].AsInteger)));
  with datamodule1 do
  begin
  if jmlh = dbgrid1.Fields[3].AsInteger then
  begin
    query1.close;
    query1.SQL.clear;
    query1.sql.add('DELETE FROM DETIL_RETUR_BELI '+
    'Where (NO_BON =' +QuotedStr(ednoret.Text)+') and (KODE_BARANG
    =' +QuotedStr(dbgrid1.Fields[1].AsString)+');');
    query1.ExecSQL ;
    query1.close;
    query1.SQL.clear;
    query1.sql.add('UPDATE BARANG SET '+
    'JUMLAH_BARANG = JUMLAH_BARANG + '+inttostr(jmlh)+' '+
    'Where KODE_BARANG =' +QuotedStr(dbgrid2.Fields[0].AsString)+');');
    query1.ExecSQL;
    IBtransaction1.Commit;
    T_DBELI.Close;
    T_DBELI.open;
    T_DBELI.Refresh;
  end;
  end;
  end;

```

```

end
else
begin
    query1.close;
    query1.SQL.clear;
    query1.sql.add('UPDATE DETIL_RETUR_BELI SET '+
    'BANYAK = BANYAK - '+inttostr(jmlh)+' '+
    'Where (NO_BON =' +QuotedStr(ednoret.Text)+') and (KODE_BARANG
    =' +QuotedStr(dbgrid1.Fields[1].AsString)+');');
    query1.ExecSQL;
    IBtransaction1.Commit;
    T_DBELI.Refresh ;
    T_DRETURBELI.close;
    T_DRETURBELI.SQL.clear;
    T_DRETURBELI.sql.add('SELECT * FROM DETIL_RETUR_BELI WHERE NO_BON
    =' + Quotedstr(ednoret.text));
    T_DRETURBELI.Open;
    T_DRETURBELI.refresh;
end;
end;
end;
procedure TF_ReturBeli.btntutupClick(Sender: TObject);
begin
close;
end;
end.

```

Kode pada F_Returjual

```

unit U_ReturJual;
interface
uses
    Windows, Messages, SysUtils, Variants, Classes, Graphics, Controls, Forms,
    Dialogs, ActnList, Grids, DBGrids, ComCtrls, StdCtrls, Buttons, ExtCtrls;
type
    TF_Returjual = class(TForm)
        Panel1: TPanel;
        Label18: TLabel;
        Label19: TLabel;
        Panel2: TPanel;
        btnbaru: TBitBtn;
        btnsimpan: TBitBtn;
        btnbatal: TBitBtn;
        Panel3: TPanel;
        Label4: TLabel;
        Label5: TLabel;
        Label8: TLabel;
        ednoret: TEdit;
        Panel4: TPanel;
        Label1: TLabel;
        Label2: TLabel;

```

```

Label3: TLabel;
Label7: TLabel;
lblnamasup: TLabel;
lblalamasup: TLabel;
Label20: TLabel;
lbltelpsup: TLabel;
DBGrid1: TDBGrid;
DBGrid2: TDBGrid;
BitBtn1: TBitBtn;
BitBtn2: TBitBtn;
ednobon: TEdit;
edtglbon: TEdit;
Panel6: TPanel;
btntutup: TBitBtn;
ActionList1: TActionList;
Baru: TAction;
Simpan: TAction;
Hapus: TAction;
BitBtn3: TBitBtn;
procedure btntutupClick(Sender: TObject);
procedure BaruExecute(Sender: TObject);
procedure SimpanExecute(Sender: TObject);
procedure ednobonExit(Sender: TObject);
procedure BitBtn2Click(Sender: TObject);
procedure BitBtn3Click(Sender: TObject);
procedure btnbatalClick(Sender: TObject);
procedure BitBtn1Click(Sender: TObject);
private
  { Private declarations }
public
  { Public declarations }
end;
var
  F_Returjual: TF_Returjual;
implementation
uses U_DM, U_printPesanJual;
{$R *.dfm}

procedure TF_Returjual.btntutupClick(Sender: TObject);
begin
close;
end;

procedure TF_Returjual.BaruExecute(Sender: TObject);
var id :integer;
begin
with datamodule1 do
begin
query1.close;
query1.SQL.clear;
query1.sql.add('SELECT MAX(NO_BON) FROM RETUR_JUAL');

```

```

query1.Open;
if query1.Fields[0].Value = null then
    ednoret.text := FormatDateTime('yymmdd',now)+'0001'
else
begin
    id := strtoint(copy(query1.Fields[0].AsString,7,4));
    id := id + 1;
    ednoret.text := formatDateTime('yymmdd',now) + formatfloat('0000',id);
end;
label8.caption:=formatDateTime('dd-mm-yyyy',now) ;
end;
btnsimpan.enabled := true;
ednobon.Enabled := true;
btnbaru.enabled := false;
panel4.Visible := true;
end;

procedure TF_Returjual.SimpanExecute(Sender: TObject);
var idsupp : string;
begin
idsupp := copy(lblnamasup.caption,Length(lblnamasup.caption)-4,5);
with datamodule1 do
begin
    query1.close;
    query1.SQL.clear;
    query1.sql.add('INSERT INTO RETUR_JUAL VALUES(+
        QuotedStr(ednoret.text)+'+',+
        QuotedStr(idsupp)+'+',+
        quotedstr(formatdatetime('mm/dd/yyyy',now))+''););
    query1.ExecSQL;
    //ednobon.Enabled := false;
    edtglbon.enabled := false;
    lblalamatsup.enabled:= false;
    lbltelpsup.Enabled := false;
    lblnamasup.Enabled := false;
    btnsimpan.enabled:= false;
    btnbaru.enabled := true;
    bitbtn1.enabled := true;
    bitbtn2.enabled := true;
    ibtransaction1.Commit;
    T_RETURJUAL.close;
    T_RETURJUAL.SQL.clear;
    T_RETURJUAL.sql.add('SELECT * FROM RETUR_JUAL WHERE NO_BON =' +
    Quotedstr(ednoret.text));
    T_RETURJUAL.Open;
    T_RETURJUAL.Refresh;
end;
end;

procedure TF_Returjual.ednobonExit(Sender: TObject);
var idcust:string;

```

```

begin
with datamodule1 do
begin
query1.close;
query1.SQL.clear;
query1.sql.add('SELECT * FROM JUAL WHERE NO_BON =' +
Quotedstr(ednobon.text));
query1.Open;
if query1.Fields[0].Value <> Null then
begin
edtg1bon.text := query1.fields[2].AsString;
idcust := query1.Fields[1].AsString;
//dtJt.Date := StrToDate(query1.Fields[3].AsString);
query1.close;
query1.SQL.clear;
query1.sql.add('SELECT NAMA||ID_CUST,ALAMAT,TELEPON FROM
CUSTOMER WHERE ID_CUST =' + Quotedstr(idcust));
query1.Open;
lbnamasup.caption := query1.Fields[0].AsString;
lblalamatup.caption := query1.Fields[1].AsString;
lbtelpsup.caption := query1.Fields[2].AsString;
ibtransaction1.Commit;
T_DJUAL.close;
T_DJUAL.SQL.clear;
T_DJUAL.sql.add('SELECT * FROM DETIL_JUAL WHERE NO_BON =' +
Quotedstr(ednobon.text));
T_DJUAL.Open;
T_DJUAL.Refresh;
end
else
showmessage('Data tidak temukan');
end;
end;

procedure TF_Returjual.BitBtn2Click(Sender: TObject);
var jmlh : integer;
begin
jmlh:= strtoint(inputbox('INPUT','Masukan jumlah barang =
',inttostr(dbgrid2.Fields[3].AsInteger)));
with datamodule1 do
begin
query1.SQL.clear;
query1.sql.add('INSERT INTO DETIL_RETUR_JUAL VALUES('+
QuotedStr(ednoret.text)+' '+
QuotedStr(dbgrid2.Fields[1].AsString)+' '+
dbgrid2.Fields[2].AsString+' '+
inttostr(jmlh)+');');
query1.ExecSQL;
query1.close;
query1.SQL.clear;
query1.sql.add('UPDATE BARANG SET '+

```



```

        'JUMLAH_BARANG = JUMLAH_BARANG - '+inttostr(jmlh)+' '+
        'Where KODE_BARANG = '+QuotedStr(dbgrid2.Fields[1].AsString)+'');
query1.ExecSQL;
IBTransaction1.Commit;
    T_DJUAL.Close;
    T_DJUAL.open;
    T_DRETURJUAL.close;
    T_DRETURJUAL.SQL.clear;
    T_DRETURJUAL.sql.add('SELECT * FROM DETIL_RETUR_JUAL WHERE
NO_BON =' + Quotedstr(ednoret.text));
    T_DRETURJUAL.Open;
    T_DRETURJUAL.refresh;
end;
end;

procedure TF_Returjual.BitBtn3Click(Sender: TObject);
var idcust : string;
begin
    idcust := copy(lblnamasup.Caption,Length(lblnamasup.caption)-4,5);
    F_print.QRlabel10.Caption := ' Bon Retur Barang Jual ';
    F_print.QuickRep1.DataSet := datamodule1.T_DRETURJUAL;
    F_print.qrdbtext1.DataSet := datamodule1.T_DRETURJUAL;
    F_print.qrdbtext1.DataField := 'no_bon' ;
    F_print.qrdbtext2.DataSet := datamodule1.T_DRETURJUAL;
    F_print.qrdbtext2.DataField := 'nama';
    F_print.qrdbtext3.DataSet := datamodule1.T_DRETURJUAL;
    F_print.qrdbtext3.DataField := 'BANYAK' ;
    F_print.qrdbtext4.DataSet := datamodule1.T_DRETURJUAL;
    F_print.qrdbtext4.DataField := 'harga' ;
    F_print.qrdbtext5.DataSet := datamodule1.T_CUST;
    F_print.qrdbtext5.DataField := 'nama' ;
    F_print.qrdbtext6.DataSet := datamodule1.T_CUST;
    F_print.qrdbtext6.DataField := 'alamat' ;
    F_print.QRlabel14.Caption := formatdatetime('dd-mm-yyyy',now);
    with datamodule1 do
        begin
            T_DRETURBELI.close;
            T_DRETURBELI.SQL.clear;
            T_DRETURBELI.sql.add('SELECT * FROM DETIL_RETUR_JUAL WHERE
NO_BON=' + Quotedstr(ednoret.text));
            T_DRETURBELI.Open;
            T_CUST.close;
            T_CUST.SQL.clear;
            T_CUST.sql.add('SELECT * FROM CUSTOMER WHERE ID_CUST =' +
Quotedstr(idcust));
            T_CUST.Open;
        end;
    F_print.qrlabel6.Caption := '';
    F_print.quickrep1.Preview;
end;

```

```

procedure TF_Returjual.btnbatalClick(Sender: TObject);
begin
with datamodule1 do
begin
query1.close;
query1.SQL.clear;
query1.sql.add('DELETE FROM RETUR_JUAL '+
'Where No_Bon='+QuotedStr(ednoret.text)+'');
query1.ExecSQL;
IBtransaction1.Commit;
T_ReturJUAL.refresh;
baru.Execute ;
end;
btnbaru.Enabled := true;
btnbatal.enabled := false;
end;

procedure TF_Returjual.BitBtn1Click(Sender: TObject);
var jmlh : integer;
begin
jmlh:= strtoint(inputbox('INPUT','Masukan jumlah barang =
',inttostr(dbgrid1.Fields[3].AsInteger)));
with datamodule1 do
begin
if jmlh = dbgrid1.Fields[3].AsInteger then
begin
query1.close;
query1.SQL.clear;
query1.sql.add('DELETE FROM DETIL_RETUR_JUAL '+
'Where (NO_BON =' +QuotedStr(ednoret.Text)+' ) and (KODE_BARANG
=' +QuotedStr(dbgrid1.Fields[1].AsString)+' )');
query1.ExecSQL ;
IBtransaction1.Commit;
T_DJUAL.Refresh;
end
else
begin
query1.close;
query1.SQL.clear;
query1.sql.add('UPDATE DETIL_RETUR_JUAL SET '+
'BANYAK = BANYAK - '+inttostr(jmlh)+' '+
'Where (NO_BON =' +QuotedStr(ednoret.Text)+' ) and (KODE_BARANG
=' +QuotedStr(dbgrid1.Fields[1].AsString)+' )');
query1.ExecSQL;
IBtransaction1.Commit;
T_DJUAL.Refresh ;
end;
query1.close;
query1.SQL.clear;
query1.sql.add('UPDATE BARANG SET '+
'JUMLAH_BARANG = JUMLAH_BARANG + '+inttostr(jmlh)+' '+

```

```

        'Where KODE_BARANG =' + QuotedStr(dbgrid2.Fields[0].AsString) + ');
query1.ExecSQL;
IBtransaction1.Commit;
T_BARANG.Refresh;
T_DRETURJUAL.refresh;
T_DJUAL.refresh;
end;
end;
end.

```

Kode pada F_Supplier

```

unit U_Supplier;
interface
uses
  Windows, Messages, SysUtils, Variants, Classes, Graphics, Controls, Forms,
  Dialogs, ActnList, DBCtrls, Grids, DBGrids, StdCtrls, Mask, Buttons,
  ExtCtrls;
type
  TF_Supplier = class(TForm)
    Panel1: TPanel;
    Label18: TLabel;
    Label19: TLabel;
    Panel2: TPanel;
    btnbaru: TBitBtn;
    btncedit: TBitBtn;
    btnchapus: TBitBtn;
    panccedit: TPanel;
    Label1: TLabel;
    Label2: TLabel;
    Label3: TLabel;
    Label4: TLabel;
    Label6: TLabel;
    Panel4: TPanel;
    btncbatal: TBitBtn;
    btncsimpan: TBitBtn;
    pancari: TPanel;
    Label10: TLabel;
    Panel6: TPanel;
    Panel7: TPanel;
    Panel8: TPanel;
    Panel10: TPanel;
    btncutup: TBitBtn;
    ActionList1: TActionList;
    Baru: TAction;
    Edit: TAction;
    Hapus: TAction;
    edid: TEdit;
    ednama: TEdit;
    edalamat: TEdit;
    edemail: TEdit;
  end;

```

```

edtelepon: TEdit;
edcari: TEdit;
DBGrid1: TDBGrid;
Panel9: TPanel;
procedure BaruExecute(Sender: TObject);
procedure EditExecute(Sender: TObject);
procedure btnsimpanClick(Sender: TObject);
procedure FormShow(Sender: TObject);
procedure HapusExecute(Sender: TObject);
procedure edcariChange(Sender: TObject);
procedure btnbatalSimpanClick(Sender: TObject);
procedure btntutupClick(Sender: TObject);
procedure FormCreate(Sender: TObject);
private
  { Private declarations }
public
  { Public declarations }
end;
var
  F_Supplier: TF_Supplier;
implementation
uses U_DM;
{$R *.dfm}

procedure TF_Supplier.BaruExecute(Sender: TObject);
var id :integer;
begin
  btnsimpan.Caption := 'Simpan Data';
  with datamodule1 do
  begin
    query1.close;
    query1.SQL.clear;
    query1.sql.add('SELECT MAX(ID_SUPP) FROM SUPPLIER');
    query1.Open;
    if query1.Fields[0].Value = null then
      edid.Text := 'S0001'
    else
      begin
        id := strtoint(copy(query1.Fields[0].AsString,2,4));
        id := id + 1;
        edid.text := 'S' + formatfloat('0000',id);
      end;
    ednama.text := "";
    edalamat.text := "";
    edemail.text := "";
    edtelepon.text := "";
  end;
end;

procedure TF_Supplier.EditExecute(Sender: TObject);
begin

```

```

    btnsimpan.Caption := 'Update Data';
    edid.text := dbgrid1.Fields[0].AsString ;
    ednama.text := dbgrid1.Fields[1].AsString ;
    edalamat.text := dbgrid1.Fields[2].AsString ;
    edemail.text := dbgrid1.Fields[3].AsString ;
    edtelepon.text := dbgrid1.Fields[4].AsString ;
end;

procedure TF_Supplier.btnsimpanClick(Sender: TObject);
begin
if btnsimpan.Caption = 'Simpan Data' then
begin
with datamodule1 do
begin
query1.close;
query1.SQL.clear;
query1.sql.add('INSERT INTO SUPPLIER VALUES('+
    QuotedStr(edid.text)+'+',
    QuotedStr(ednama.text)+'+',
    QuotedStr(edalamat.text)+'+',
    QuotedStr(edemail.text)+'+',
    QuotedStr(edtelepon.text)+'');');
query1.ExecSQL;
T_Supp.refresh;
baru.Execute;
end;
end
else
begin
with datamodule1 do
begin
query1.close;
query1.SQL.clear;
query1.sql.add('UPDATE SUPPLIER SET '+
    'Nama='+QuotedStr(ednama.text)+'+',
    'alamat='+QuotedStr(edalamat.text)+'+',
    'email='+QuotedStr(edemail.text)+'+',
    'telepon='+QuotedStr(edtelepon.text)+
    'Where Id_Supp='+QuotedStr(edid.Text)+'');');
query1.ExecSQL;
T_Supp.refresh;
baru.Execute;
end;
end;
end;

procedure TF_Supplier.FormShow(Sender: TObject);
begin
baru.Execute ;
end;

```

```

procedure TF_Supplier.HapusExecute(Sender: TObject);
begin
  with datamodule1 do
    begin
      query1.close;
      query1.SQL.clear;
      query1.sql.add('DELETE FROM SUPPLIER '+
        'Where Id_Supp='+QuotedStr(dbgrid1.Fields[0].AsString)+'');
      query1.ExecSQL;
      T_Supp.refresh;
      baru.Execute;
    end;
  end;

procedure TF_Supplier.edcariChange(Sender: TObject);
begin
  with datamodule1 do
    begin
      T_Supp.close;
      T_Supp.SQL.clear;
      T_Supp.sql.add('SELECT * FROM SUPPLIER WHERE UPPER(NAMA) LIKE
        '+QuotedStr('%'+UpperCase(edcari.Text)+'%'));
      T_Supp.Open;
    end;
  end;

procedure TF_Supplier.btnbatalsimpanClick(Sender: TObject);
var id :integer;
begin
  btnsimpan.Caption := 'Simpan Data';
  with datamodule1 do
    begin
      query1.close;
      query1.SQL.clear;
      query1.sql.add('SELECT MAX(ID_SUPP) FROM SUPPLIER');
      query1.Open;
      if query1.Fields[0].Value = null then
        edid.Text := 'S0001'
      else
        begin
          id := strtoint(copy(query1.Fields[0].AsString,2,4));
          id := id + 1;
          edid.text := 'S' + formatfloat('0000',id);
        end;
      ednama.text := "";
      edalamat.text := "";
      edemail.text := "";
      edtelepon.text := "";
    end;
  end;
end;

```

```

procedure TF_Supplier.btntutupClick(Sender: TObject);
begin
close;
end;

```

```

procedure TF_Supplier.FormCreate(Sender: TObject);
begin
  datamodule1.T_Supp.Refresh;
end;
end.

```

Kode pada F_Utama

```

unit U_MenuUtama;
interface
uses
  Windows, Messages, SysUtils, Variants, Classes, Graphics, Controls, Forms,
  Dialogs, Menus, ComCtrls, DB, IBDatabase, IBCustomDataSet,
  IBTable, ExtCtrls, StdCtrls;
type
  TF_Utama = class(TForm)
    Timer1: TTimer;
    StatusBar1: TStatusBar;
    Panel1: TPanel;
    Label1: TLabel;
    Label2: TLabel;
    panwaktu: TPanel;
    MainMenu1: TMainMenu;
    AdministrasiUser1: TMenuItem;
    Logoff1: TMenuItem;
    GantiPassword1: TMenuItem;
    HapusUser1: TMenuItem;
    TambahUser1: TMenuItem;
    Transaksi1: TMenuItem;
    PenjualanBarang1: TMenuItem;
    Pembelianbarang1: TMenuItem;
    Laporan1: TMenuItem;
    Laporanpenjualan1: TMenuItem;
    LaporanPembelian1: TMenuItem;
    RekapStok1: TMenuItem;
    Basisdata1: TMenuItem;
    Customer1: TMenuItem;
    Supplier1: TMenuItem;
    Barang1: TMenuItem;
    Keluar1: TMenuItem;
    Kurs1: TMenuItem;
    PesanBarangJual1: TMenuItem;
    PesanBarangBeli1: TMenuItem;
    ReturBeli1: TMenuItem;
    ReturJual1: TMenuItem;
    TUser: TIBTable;

```

```

TUserUSERNAME: TIBStringField;
TUserPASSWORD: TIBStringField;
TUserTINGKAT: TIBStringField;
TUserAKSES: TIBStringField;
IBDatabase1: TIBDatabase;
IBTransaction1: TIBTransaction;
dsuser: TDataSource;
edakses: TEdit;
procedure Keluar1Click(Sender: TObject);
procedure Supplier1Click(Sender: TObject);
procedure Barang1Click(Sender: TObject);
procedure Customer1Click(Sender: TObject);
procedure Timer1Timer(Sender: TObject);
procedure PesanBarangJual1Click(Sender: TObject);
procedure PesanBarangBeli1Click(Sender: TObject);
procedure Pembelianbarang1Click(Sender: TObject);
procedure PenjualanBarang1Click(Sender: TObject);
procedure ReturBeli1Click(Sender: TObject);
procedure ReturJual1Click(Sender: TObject);
procedure Kurs1Click(Sender: TObject);
procedure Laporanpenjualan1Click(Sender: TObject);
procedure LaporanPembelian1Click(Sender: TObject);
procedure RekapStok1Click(Sender: TObject);
procedure Logoff1Click(Sender: TObject);
procedure GantiPassword1Click(Sender: TObject);
procedure HapusUser1Click(Sender: TObject);
procedure TambahUser1Click(Sender: TObject);
procedure FormCreate(Sender: TObject);
procedure FormShow(Sender: TObject);
private
  { Private declarations }
  Suser,Spass,Stingkat:String;
  procedure Cekmenu(Level:string);
public
  { Public declarations }
end;
var
  F_Utama: TF_Utama;
implementation
uses U_Supplier, U_Barang, U_Customer, U_PesanJual, U_PesanBeli,
  U_Pembelian, U_Penjualan, U_ReturBeli, U_ReturJual, U_Kurs,
  U_LaporanJual, U_LaporanBeli, U_RekapStok, U_Login, U_Gantipass,
  U_Deluser, U_Adduser;
{$R *.dfm}

procedure TF_Utama.Keluar1Click(Sender: TObject);
begin
close;
end;
procedure TF_Utama.Cekmenu(Level:String);

```



```

begin
  //menu utama
  basisdata1.Enabled :=false;
  Transaksi1.enabled:=false;
  Laporan1.enabled:=false;
  //menu administrasi
  Gantipassword1.Enabled:=false;
  TambahUser1.enabled:=false;
  HapusUser1.Enabled :=false;
  if level='Penjualan' then
  begin
  Gantipassword1.enabled:=true;
  basisdata1.Enabled := true;
  transaksi1.Enabled := true;
  kurs1.Enabled:=false;
  end;
  if level='Administrator' then
  begin
  Gantipassword1.Enabled := true;
  TambahUser1.enabled:=true;
  HapusUser1.Enabled :=true;
  basisdata1.Enabled := true;
  transaksi1.Enabled := true;
  Laporan1.enabled:=true;
  kurs1.enabled := true;
  end;
  //tidak login
  if (level='nolevel') or(level='') then
  begin
  logoff1.caption:='&Log On';
  end;
  end;

  procedure TF_Utama.Supplier1Click(Sender: TObject);
  begin
  F_Supplier.showmodal;
  end;

  procedure TF_Utama.Barang1Click(Sender: TObject);
  begin
  F_Barang.showmodal;
  end;

  procedure TF_Utama.Customer1Click(Sender: TObject);
  begin
  F_Customer.showmodal;
  end;

  procedure TF_Utama.Timer1Timer(Sender: TObject);
  begin
  panwaktu.caption := FormatDateTime('dddd,dd mmmm yyyy (hh:mm:ss)',Now);

```

```

if EdAkses.Text[1]='1'then
Customer1.Enabled := True
else
Customer1.Enabled := false;
if EdAkses.Text[2]='1'then
Supplier1.Enabled := True
else
Supplier1.Enabled := false;
if EdAkses.Text[3]='1'then
barang1.Enabled := true
else
barang1.Enabled := false;
if EdAkses.Text[4]='1'then
begin
Pembelianbarang1.Enabled := True;
PesanBarangBeli1.Enabled := true;
ReturBeli1.Enabled := True;
end
else
begin
Pembelianbarang1.Enabled := False;
PesanBarangBeli1.Enabled := False;
ReturBeli1.Enabled := False;
end;
if EdAkses.Text[5]='1'then
begin
Penjualanbarang1.Enabled := True ;
PesanBarangJual1.Enabled := True ;
ReturJual1.Enabled := True;
end
else
begin
Penjualanbarang1.Enabled := False;
PesanBarangJual1.Enabled := False;
ReturJual1.Enabled := False;
end;
end;

procedure TF_Utama.PesanBarangJual1Click(Sender: TObject);
begin
F_PesanPenjualan.showmodal;
end;

procedure TF_Utama.PesanBarangBeli1Click(Sender: TObject);
begin
F_PesanPembelian.showmodal;
end;

procedure TF_Utama.Pembelianbarang1Click(Sender: TObject);
begin

```

```

F_Pembelian.showmodal;
end;

procedure TF_Utama.PenjualanBarang1Click(Sender: TObject);
begin
F_Penjualan.showmodal;
end;

procedure TF_Utama.ReturBeli1Click(Sender: TObject);
begin
F_Returbeli.show;
end;

procedure TF_Utama.ReturJual1Click(Sender: TObject);
begin
F_returjual.show;
end;

procedure TF_Utama.Kurs1Click(Sender: TObject);
begin
if F_Kurs=nil then
F_Kurs:=TF_Kurs.create(self);
F_Kurs.showmodal;
end;

procedure TF_Utama.Laporanpenjualan1Click(Sender: TObject);
begin
F_Laporanjual.showmodal;
end;

procedure TF_Utama.LaporanPembelian1Click(Sender: TObject);
begin
F_LaporanBeli.show;
end;

procedure TF_Utama.RekapStok1Click(Sender: TObject);
begin
F_RekapStok.showmodal;
end;

procedure TF_Utama.Logoff1Click(Sender: TObject);
var i:integer;

begin
if logoff1.Caption = '&Log On' then
begin
if F_login.showmodal = mrOK then
begin
statusbar1.Panels[3].text :=";
statusbar1.Panels[5].text :=";
if TUser.Locate('Username',F_login.eduser.Text,[locaseinsensitive]) then

```

```

begin
if Tuserpassword.value = F_Login.edpass.Text then
begin
Suser:= TuserUsername.value;
Spass:= TuserPassword.value;
Stingkat:= TuserTingkat.value;
Logoff1.caption:='&Log off';
CekMenu(Stingkat);
statusbar1.Panels[3].text :=Suser;
statusbar1.Panels[5].text :=Stingkat;
edakses.text:= TuserAkses.Value;
end
else
begin
cekmenu('nolevel');
showmessage('Maaf Password yang anda masukan salah!');
end;
end
else
begin
cekmenu('nolevel');
showmessage('Maaf Username anda tidak terdaftar!');
end;
end
else
begin
cekmenu('nolevel');
statusbar1.Panels[3].text :=";
statusbar1.Panels[5].text :=";
edakses.Text:='00000';
end;
end
else
begin
with F_Utama do
for i := MDIChildCount-1 downto 0 do
MDIChildren[I].Close;
Cekmenu('nolevel');
statusbar1.panels[3].text :=";
statusbar1.panels[5].text :=";
edakses.text:='00000';
end;
end;

procedure TF_Utama.GantiPassword1Click(Sender: TObject);
begin
F_Gantipass.eduser.text:= sUser;
if F_gantipass.showmodal=mrOK then
begin
if F_gantipass.edlama.text= SPass then
begin

```

```

if not(F_gantipass.edpass.text = F_gantipass.edconf.Text)then
begin
showmessage('Maaf Password anda tidak konsisten!');
end
else
begin
TUser.locate('Username',sUser,[locaseInsensitive]);
TUser.Edit;
TuserPassword.Value:=F_Gantipass.EdPass.Text;
TUser.Post;
end;
end
else
showmessage('Password lama anda salah!');
end;
end;

procedure TF_Utama.HapusUser1Click(Sender: TObject);
begin
F_Deluser.showmodal;
end;

procedure TF_Utama.TambahUser1Click(Sender: TObject);
begin
if F_adduser.showmodal=mrok then
begin
if not(F_adduser.eduser.text='') then
if not(F_adduser.edpass.text = F_adduser.edconf.text) then
begin
showmessage('maaf password anda tidak konsisten!');
end
else
begin
Tuser.insert;
TuserUsername.Value := F_adduser.eduser.text;
TuserPassword.Value := F_adduser.edpass.text;
TuserTingkat.Value := F_adduser.CBlevel.text;
TuserAkses.Value :=
F_adduser.Edit1.text+F_adduser.Edit2.text+F_adduser.Edit3.text+F_adduser.Edit4.text+F_ad
duser.Edit5.text;
TUser.Post;
end;
end;
end;

procedure TF_Utama.FormCreate(Sender: TObject);
var f1:textfile;
    ip,lok:string;
begin
assignfile(f1,'database.txt');
Reset(f1);

```

```
readln(f1,ip);
readln(f1,lok);
closefile(f1);
IBdatabase1.Connected :=false;
IBdatabase1.DatabaseName :=ip+'.'+lok;
try
IBdatabase1.Open;
TUser.Open ;
except
databaseError('Database tidak terkoneksi!');
abort;
end;
end;

procedure TF_Utama.FormShow(Sender: TObject);
begin
Logoff1click(self);
end;
end.
```