

# **LAMPIRAN**

## **SOURCE CODE**

# LAMPIRAN

## Form Home

```
unit home;

interface

uses
  Windows, Messages, SysUtils, Variants, Classes, Graphics, Controls, Forms,
  Dialogs, StdCtrls;

type
  Tfrmhome = class(TForm)
    Label1: TLabel;
    Label2: TLabel;
    Label3: TLabel;
    Label4: TLabel;
    procedure Label2Click(Sender: TObject);
    procedure Label4Click(Sender: TObject);
    procedure Label3Click(Sender: TObject);
  private
    { Private declarations }
  public
    { Public declarations }
  end;

var
  frmhome: Tfrmhome;

implementation
  Uses UModul, login, logindua;
  {$R *.dfm}

  procedure Tfrmhome.Label2Click(Sender: TObject);
  begin
    frmlogin.ShowModal;
  end;

  procedure Tfrmhome.Label4Click(Sender: TObject);
  begin
    Application.Terminate;
  end;

  procedure Tfrmhome.Label3Click(Sender: TObject);
  begin
    frmlogindua.ShowModal;
  end;

end.
```

## Form Login

```
unit login;

interface

uses
  Windows, Messages, SysUtils, Variants, Classes, Graphics, Controls, Forms,
  Dialogs, StdCtrls, Buttons, Grids, DBGrids, DB;

type
  Tfrmlogin = class(TForm)
```

```

Label1: TLabel;
Label2: TLabel;
edNama: TEdit;
edSandi: TEdit;
BtMasuk: TBitBtn;
BtKeluar: TBitBtn;
procedure BtKeluarClick(Sender: TObject);
procedure BtMasukClick(Sender: TObject);
private
  { Private declarations }
public
  { Public declarations }
end;

var
  frmlogin: Tfrmlogin;

implementation
Uses UModul, uORaga, home;
{$R *.dfm}

procedure Tfrmlogin.BtKeluarClick(Sender: TObject);
begin
close;
end;

procedure Tfrmlogin.BtMasukClick(Sender: TObject);
begin
With Dm.QData Do
begin
close;
Sql.Clear;
Sql.Add('Select UNAME, PASS, AKSES from KUNCI!');
Sql.Text:='select * from KUNCI where UNAME = '+QuotedStr(edNama.Text)
+' and PASS = '+QuotedStr(edSandi.Text)+'";
Open;
end;

if Dm.QData.RecordCount = 0 then
begin
MessageDlg('User ID/password anda SALAH !', mtError,[mbOK],0);
end else
begin
MessageDlg('Selamat Datang, Selamat Bekerja !!', mtInformation, [mbOK],0);
hide;
if Dm.QData.Fields[2].Value = frmmenu.Caption then
frmmenu.Show;
frmhome.Close;
//frmmenu.ShowModal;
close;
end;
end;
end.

```

## Form Login Dua

```

unit logindua;

interface

uses
  Windows, Messages, SysUtils, Variants, Classes, Graphics, Controls, Forms,
  Dialogs, StdCtrls, Buttons, DB, IBCustomDataSet, IBQuery;

type
  Tfrmlogindua = class(TForm)
    Label1: TLabel;
    Label2: TLabel;

```

```

edNama: TEdit;
edSandi: TEdit;
BtMasuk: TBitBtn;
BtKeluar: TBitBtn;
procedure BtMasukClick(Sender: TObject);
procedure BtKeluarClick(Sender: TObject);
private
  { Private declarations }
public
  { Public declarations }
end;

var
  frmlogindua: Tfrmlogindua;

implementation
  Uses UModul, uORaga, home;
  {$R *.dfm}

  procedure Tfrmlogindua.BtMasukClick(Sender: TObject);
  begin
  With Dm.QData Do
  begin
  close;
  Sql.Clear;
  Sql.Text:='select * from IDADMIN where AUNAME = '+QuotedStr(edNama.Text)
  +' and APASS = '+QuotedStr(edSandi.Text)+';
  Open;
  end;

  if Dm.QData.RecordCount = 0 then
  begin
  MessageDlg('User ID/password anda SALAH !', mtError,[mbOK],0);
  end else
  begin
  MessageDlg('Selamat Datang BOSSS!!', mtInformation, [mbOK],0);
  //sembunyikan form login
  hide;
  //form utama run
  frmhome.Close;
  //frmmenu.ShowModal;
  //tutup form login
  close;
  end;

  end;

  procedure Tfrmlogindua.BtKeluarClick(Sender: TObject);
  begin
  close;
  end;

end.

```

## Form Menu Utama

```

unit uORaga;

interface

uses
  Windows, Messages, SysUtils, Variants, Classes, Graphics, Controls, Forms,
  Dialogs, Menus, jpeg, ExtCtrls, StdCtrls;

type
  Tfrmmenu = class(TForm)
    MainMenu1: TMainMenu;
    DATA1: TMenuItem;
    BARANG1: TMenuItem;

```

```

CUSTOMER1: TMenuItem;
SUPPLIER1: TMenuItem;
RANSAKSI1: TMenuItem;
PEMBELIAN1: TMenuItem;
PENJUALAN1: TMenuItem;
BOOKING1: TMenuItem;
SEW 1: TMenuItem;
ADMIN1: TMenuItem;
FASILITAS1: TMenuItem;
PEGAWAI1: TMenuItem;
EXIT1: TMenuItem;
PASSWORD1: TMenuItem;
LAPORAN1: TMenuItem;
ADMIN2: TMenuItem;
procedure EXIT1Click(Sender: TObject);
procedure BARANG1Click(Sender: TObject);
procedure CUSTOMER1Click(Sender: TObject);
procedure SUPPLIER1Click(Sender: TObject);
procedure FASILITAS1Click(Sender: TObject);
procedure PEGAWAI1Click(Sender: TObject);
procedure PEMBELIAN1Click(Sender: TObject);
procedure BOOKING1Click(Sender: TObject);
procedure SEW 1Click(Sender: TObject);
procedure PENJUALAN1Click(Sender: TObject);
procedure PASSWORD1Click(Sender: TObject);
procedure ADMIN2Click(Sender: TObject);
procedure FormActivate(Sender: TObject);
private
  { Private declarations }
public
  { Public declarations }
end;

var
  frmmenu: Tfrmmenu;

implementation
  Uses UModul, barang, customer, supplier, fasilitas, pegawai, dafcustomer, dafsupplier, dafpegawai, frmdaffasilitas,
  pembelian, booking, sewa, penjualan, password, login, admin, home, logindua;
  {$R *.dfm}

  procedure Tfrmmenu.EXIT1Click(Sender: TObject);
  begin
    frmhome.ShowModal;
  close;
  end;

  procedure Tfrmmenu.BARANG1Click(Sender: TObject);
  begin
    frmbarang.ShowModal;
  end;

  procedure Tfrmmenu.CUSTOMER1Click(Sender: TObject);
  begin
    frmcustomer.ShowModal;
  end;

  procedure Tfrmmenu.SUPPLIER1Click(Sender: TObject);
  begin
    frmsupplier.ShowModal;
  end;

  procedure Tfrmmenu.FASILITAS1Click(Sender: TObject);
  begin
    frmfasilitas.ShowModal;
  end;

  procedure Tfrmmenu.PEGAWAI1Click(Sender: TObject);

```

```

begin
frmpegawai.ShowModal;
end;

procedure Tfrmmenu.PEMBELIAN1Click(Sender: TObject);
begin
frm Pembelian.ShowModal;
end;

procedure Tfrmmenu.BOOKING1Click(Sender: TObject);
begin
frmbooking.ShowModal;
end;

procedure Tfrmmenu.SEW1Click(Sender: TObject);
begin
frmsewa.ShowModal;
end;

procedure Tfrmmenu.PENJUALAN1Click(Sender: TObject);
begin
frm penjualan.ShowModal;
end;

procedure Tfrmmenu.PASSWORD1Click(Sender: TObject);
begin
frm password.ShowModal;
end;

procedure Tfrmmenu.ADMIN2Click(Sender: TObject);
begin
frmadmin.ShowModal;
end;

procedure Tfrmmenu.FormActivate(Sender: TObject);
begin
frmhome.ShowModal;
if frmmenu.Caption = '1' then
begin
FASILITAS1.Enabled := false;
ADMIN2.Enabled := false;
end;
end;

end.

```

## Form Barang

```

unit barang;

interface

uses
Windows, Messages, SysUtils, Variants, Classes, Graphics, Controls, Forms,
Dialogs, Grids, DBGrids, StdCtrls, DB, IBCustomDataSet, IBQuery, Buttons,
jpeg, ExtCtrls, RpCon, RpConDS, RpDefine, RpRave;

type
Tfrmbarang = class(TForm)
Label1: TLabel;
Label2: TLabel;
Label3: TLabel;
Label4: TLabel;
Label5: TLabel;
Label6: TLabel;
Label7: TLabel;
edKode: TEdit;
edJenis: TEdit;
edStok: TEdit;

```

```

edBeli: TEdit;
edJual: TEdit;
edCari: TEdit;
dbbarang: TDBGrid;
QBarang: TIBQuery;
QBarangKODEBARANG: TIBStringField;
QBarangNAMABARANG: TIBStringField;
QBarangJENIS: TIBStringField;
QBarangHRBELI: TIntegerField;
QBarangHRJUAL: TIntegerField;
QBarangSTOK: TIntegerField;
edNama: TEdit;
simpann: TBitBtn;
BtHapus: TBitBtn;
BtCetak: TBitBtn;
BtKeluar: TBitBtn;
RvProject1: TRvProject;
RvDataSetConnection1: TRvDataSetConnection;
procedure FormActivate(Sender: TObject);
procedure edCariChange(Sender: TObject);
procedure simpannClick(Sender: TObject);
procedure BtHapusClick(Sender: TObject);
procedure BtCariClick(Sender: TObject);
procedure BtKeluarClick(Sender: TObject);
procedure BtCetakClick(Sender: TObject);
private
  { Private declarations }
public
  { Public declarations }
end;

var
  frmbarang: Tfrmbarang;

implementation
Uses UModul;
{$R *.dfm}

procedure Tfrmbarang.FormActivate(Sender: TObject);
begin
with Dm.Qproses Do
begin
Close;
Sql.Clear;
Sql.Add('Select KODEBARANG,NAMABARANG,JENIS,HRBELI,HRJUAL,STOK from BARANG');
open;
end;
end;

procedure Tfrmbarang.edCariChange(Sender: TObject);
begin

with Dm.Qproses Do
begin
close;
Sql.Clear;
Sql.Add('Select KODEBARANG,NAMABARANG,JENIS,HRBELI,HRJUAL,STOK From BARANG');
Sql.Add('Where KODEBARANG like :kb');
prepare;
ParamByName('kb').AsString:='%'+edCari.Text+'%';
Open;
End;
end;

procedure Tfrmbarang.simpannClick(Sender: TObject);
begin
with Dm.QData Do
Begin

```

```

Close;
Sql.Clear;
Sql.Add('Insert into BARANG(KODEBARANG,NAMABARANG,JENIS,HRBELI,HRJUAL,STOK)'+
'values(:kb, :nb, :js, :hb, :hj, :so)');
Prepare;
ParamByName('kb').AsString:=EdKode.Text;
ParamByName('nb').AsString:=EdNama.Text;
ParamByName('js').AsString:=EdJenis.Text;
ParamByName('hb').AsFloat:=StrToFloat(EdBeli.Text);
ParamByName('hj').AsFloat:=StrToFloat(EdJual.Text);
ParamByName('so').AsFloat:=StrToFloat(EdStok.Text);
ExecSql;
End;

Dm.coSport.Commit;

EdKode.Clear;
EdNama.Clear;
EdJenis.Clear;
EdBeli.Text:=0;
EdJual.Text:=0;
EdStok.Text:=0;
EdKode.SetFocus;

with Dm.Qproses Do
Begin
Close;
sql.Clear;
sql.Add('Select KODEBARANG,NAMABARANG,JENIS,HRBELI,HRJUAL,STOK From BARANG');
open;
end;
end;

procedure Tfrmbarang.BtHapusClick(Sender: TObject);
begin
with Dm.Qproses Do
Begin
Close;
Sql.Clear;
Sql.Add('Delete From BARANG');
Sql.Add('Where KODEBARANG =:kb');
prepare;
ParamByName('kb').AsString:=edKode.Text;
ExecSql;
End;

Dm.coSport.Commit;

with Dm.Qproses Do
Begin
Close;
Sql.Clear;
Sql.Add('Select KODEBARANG,NAMABARANG,JENIS,HRBELI,HRJUAL,STOK from BARANG');
Open;
End;
end;

procedure Tfrmbarang.BtCariClick(Sender: TObject);
begin
With Dm.QProses Do
Begin
close;
Sql.Clear;
Sql.Add('Select KODEBARANG, NAMABARANG, JENIS, HRBELI, HRJUAL, STOK from BARANG');
SQL.Add('Where KODEBARANG like :kb');
prepare;
ParamByName('kb').AsString:='%'+edKode.Text+'%';
open;

```



```

end;
end;

procedure Tfrmbarang.BtKeluarClick(Sender: TObject);
begin
close;
end;

procedure Tfrmbarang.BtCetakClick(Sender: TObject);
begin
RvProject1.Execute;
RvProject1.ExecuteReport('barang.rav');
end;

end.

```

## Form Customer

```

unit customer;

interface

uses
  Windows, Messages, SysUtils, Variants, Classes, Graphics, Controls, Forms,
  Dialogs, StdCtrls, Buttons;

type
  Tfrmcustomer = class(TForm)
    Label1: TLabel;
    Label2: TLabel;
    Label3: TLabel;
    Label4: TLabel;
    edKode: TEdit;
    edNama: TEdit;
    edAlamat: TEdit;
    edKontak: TEdit;
    BtSimpan: TBitBtn;
    BtHapus: TBitBtn;
    BtKeluar: TBitBtn;
    BtDaftar: TBitBtn;
    procedure BtSimpanClick(Sender: TObject);
    procedure BtHapusClick(Sender: TObject);
    procedure BtKeluarClick(Sender: TObject);
    procedure BtDaftarClick(Sender: TObject);
  private
    { Private declarations }
  public
    { Public declarations }
  end;

var
  frmcustomer: Tfrmcustomer;

implementation
  Uses UModul, dafcustomer;
  {$R *.dfm}

  procedure Tfrmcustomer.BtSimpanClick(Sender: TObject);
  begin
  With Dm.QData Do
  Begin
  Close;
  Sql.Clear;
  Sql.Add('Insert into CUSTOMER(KODECUS,NAMA,ALAMAT,KONTAK)+'Values(:kc, :nm, :al, :kt)');
  Prepare;
  ParamByName('kc').AsString:=Trim(edKode.Text);

```

```

ParamByName('nm').AsString:=Trim(edNama.Text);
ParamByName('al').AsString:=Trim(edAlamat.Text);
ParamByName('kt').AsString:=Trim(edKontak.Text);
ExecSql;
end;

Dm.CoSport.Commit;

edKode.Clear;
edNama.Clear;
edAlamat.Clear;
edKontak.Clear;
edKode.SetFocus;

With dm.Qproses Do
begin
close;
Sql.Clear;
Sql.Add('Select KODECUS,NAMA,ALAMAT,KONTAK from CUSTOMER');
Open;
end;
end;

procedure Tfrmcustomer.BtHapusClick(Sender: TObject);
begin
With dm.QData Do
Begin
Close;
Sql.Clear;
Sql.Add('Delete from CUSTOMER');
Sql.Add('Where KODECUS=:kc');
Prepare;
ParamByName('kc').AsString:=edKode.Text;
ExecSql;
End;

Dm.coSport.Commit;

With Dm.Qproses Do
begin
close;
Sql.Clear;
Sql.Add('Select KODECUS,NAMA,ALAMAT,KONTAK from CUSTOMER');
Open;
end;
end;

procedure Tfrmcustomer.BtKeluarClick(Sender: TObject);
begin
close;
end;

procedure Tfrmcustomer.BtDaftarClick(Sender: TObject);
begin
frmdafcustomer.ShowModal;
end;

end.

```

## Form Daftar Customer

```

unit dafcustomer;

interface

uses
  Windows, Messages, SysUtils, Variants, Classes, Graphics, Controls, Forms,

```

Dialogs, StdCtrls, Grids, DBGrids, ExtCtrls, DB, IBCustomDataSet, IBQuery, Buttons, RpCon, RpConDS, RpDefine, RpRave;

```
type
Tfrmdafcustomer = class(TForm)
  rdCari: TRadioGroup;
  DBGrid1: TDBGrid;
  Label1: TLabel;
  edCari: TEdit;
  QDCustomer: TIBQuery;
  QDCustomerKODECUS: TIBStringField;
  QDCustomerNAMA: TIBStringField;
  QDCustomerALAMAT: TIBStringField;
  QDCustomerKONTAK: TIBStringField;
  BtKeluar: TBitBtn;
  BtCetak: TBitBtn;
  RvProject3: TRvProject;
  RvDataSetConnection3: TRvDataSetConnection;
  procedure edCariChange(Sender: TObject);
  procedure BtKeluarClick(Sender: TObject);
  procedure BtCetakClick(Sender: TObject);
private
  { Private declarations }
public
  { Public declarations }
end;

var
  frmdafcustomer: Tfrmdafcustomer;

implementation
  Uses UModul, customer;
  {$R *.dfm}

  procedure Tfrmdafcustomer.edCariChange(Sender: TObject);
  begin
    With dm.Qproses Do
    begin
      close;
      Sql.Clear;
      Sql.Add('Select * from CUSTOMER');

      //pencarian berdasarkan kodecust
      If rdCari.ItemIndex = 0 then
      Begin
        Sql.Add('Where KODECUS like :kc');
        prepare;
        ParamByName('kc').AsString:='%'+edCari.Text+'%';
        end
      else

      //pencarian berdasarkan namacust
      If rdCari.ItemIndex = 1 then
      Begin
        Sql.Add('Where NAMA like :nm');
        prepare;
        ParamByName('nm').AsString:='%'+edCari.Text+'%';
        end
      else

      //pencarian berdasarkan alamat
      If rdCari.ItemIndex = 2 then
      Begin
        Sql.Add('Where ALAMAT like :al');
        prepare;
        ParamByName('al').AsString:='%'+edCari.Text+'%';
        end;
      open;
    end;
  end;
end;
```

```

end;
end;

procedure Tfrmdafcustomer.BtKeluarClick(Sender: TObject);
begin
close;
end;

procedure Tfrmdafcustomer.BtCetakClick(Sender: TObject);
begin
RvProject3.Execute;
RvProject3.ExecuteReport('dCustomer.rav');
end;
end.

```

## Form Supplier

unit supplier;

interface

uses

Windows, Messages, SysUtils, Variants, Classes, Graphics, Controls, Forms,  
Dialogs, StdCtrls, Buttons;

type

```

Tfrmsupplier = class(TForm)
Label1: TLabel;
Label2: TLabel;
Label3: TLabel;
Label4: TLabel;
edKode: TEdit;
edNama: TEdit;
edAlamat: TEdit;
edKontak: TEdit;
BtSimpan: TBitBtn;
BtHapus: TBitBtn;
Btkeluar: TBitBtn;
BtDaftar: TBitBtn;
procedure BtSimpanClick(Sender: TObject);
procedure BtHapusClick(Sender: TObject);
procedure BtkeluarClick(Sender: TObject);
procedure BtDaftarClick(Sender: TObject);
private
{ Private declarations }
public
{ Public declarations }
end;

```

var

frmsupplier: Tfrmsupplier;

implementation

Uses UModul, dafsupplier;  
{ \$R \*.dfm }

```

procedure Tfrmsupplier.BtSimpanClick(Sender: TObject);
begin
With Dm.QData Do
Begin
Close;
Sql.Clear;
Sql.Add('Insert into SUPPLIER(KODESUP,NAMA,ALAMAT,KONTAK)'+Values(:ks, :na, :at, :kn)');
Prepare;
ParamByName('ks').AsString:=Trim(edKode.Text);
ParamByName('na').AsString:=Trim(edNama.Text);
ParamByName('at').AsString:=Trim(edAlamat.Text);
ParamByName('kn').AsString:=Trim(edKontak.Text);
ExecSql;

```

```

end;

Dm.CoSport.Commit;

edKode.Clear;
edNama.Clear;
edAlamat.Clear;
edKontak.Clear;
edKode.SetFocus;

With dm.Qproses Do
begin
close;
Sql.Clear;
Sql.Add('Select KODESUP,NAMA,ALAMAT,KONTAK from SUPPLIER');
Open;
end;
end;

procedure Tfrmsupplier.BtHapusClick(Sender: TObject);
begin
With dm.QData Do
Begin
Close;
Sql.Clear;
Sql.Add('Delete from SUPPLIER');
Sql.Add('Where KODESUP=:ks');
Prepare;
ParamByName('ks').AsString:=edKode.Text;
ExecSql;
End;

Dm.coSport.Commit;

With Dm.Qproses Do
begin
close;
Sql.Clear;
Sql.Add('Select KODESUP,NAMA,ALAMAT,KONTAK from SUPPLIER');
Open;
end;
end;

procedure Tfrmsupplier.BtkeluarClick(Sender: TObject);
begin
close;
end;

procedure Tfrmsupplier.BtDaftarClick(Sender: TObject);
begin
frmdafsupplier.ShowModal;
end;

end.

```

## Form Daftar Supplier

```

unit dafsupplier;

interface

uses
  Windows, Messages, SysUtils, Variants, Classes, Graphics, Controls, Forms,
  Dialogs, StdCtrls, Grids, DBGrids, ExtCtrls, DB, IBCustomDataSet, IBQuery,
  Buttons, RpCon, RpConDS, RpDefine, RpRave;

type
  Tfrmdafsupplier = class(TForm)

```

```

rdcari: TRadioGroup;
Label1: TLabel;
edcari: TEdit;
dbsupplier: TDBGrid;
QDSupplier: TIBQuery;
QDSupplierKODESUP: TIBStringField;
QDSupplierNAMA: TIBStringField;
QDSupplierALAMAT: TIBStringField;
QDSupplierKONTAK: TIBStringField;
BtKeluar: TBitBtn;
BtCetak: TBitBtn;
RvProject2: TRvProject;
RvDataSetConnection2: TRvDataSetConnection;
procedure edcariChange(Sender: TObject);
procedure BtKeluarClick(Sender: TObject);
procedure BtCetakClick(Sender: TObject);
private
  { Private declarations }
public
  { Public declarations }
end;

var
  frmmdafsupplier: Tfrmmdafsupplier;

implementation
  Uses UModul, supplier;
  {$R *.dfm}

  procedure Tfrmmdafsupplier.edcariChange(Sender: TObject);
  begin
    With dm.Qproses Do
    begin
      close;
      Sql.Clear;
      Sql.Add('Select * from SUPPLIER');

      //pencarian berdasarkan kodesup
      If rdCari.ItemIndex = 0 then
      Begin
        Sql.Add('Where KODESUP like :ks');
        prepare;
        ParamByName('ks').AsString:='%'+edcari.Text+'%';
      end
      else

      //pencarian berdasarkan namasup
      If rdCari.ItemIndex = 1 then
      Begin
        Sql.Add('Where NAMA like :ns');
        prepare;
        ParamByName('ns').AsString:='%'+edcari.Text+'%';
      end
      else

      //pencarian berdasarkan alamat
      If rdCari.ItemIndex = 2 then
      Begin
        Sql.Add('Where ALAMAT like :at');
        prepare;
        ParamByName('at').AsString:='%'+edcari.Text+'%';
      end;
      open;
      end;
      end;

  procedure Tfrmmdafsupplier.BtKeluarClick(Sender: TObject);
  begin

```

```

close;
end;

procedure TfrmDafSupplier.BtCetakClick(Sender: TObject);
begin
RvProject2.Execute;
RvProject2.ExecuteReport('dSupplier.rav');
end;

end.
Form Pembelian
unit pembelian;

interface

uses
Windows, Messages, SysUtils, Variants, Classes, Graphics, Controls, Forms,
Dialogs, StdCtrls, Buttons, Grids, DBGrids, ComCtrls, DB,
IBCustomDataSet, IBQuery, RpRave, RpDefine, RpCon, RpConDS;

type
Tfrmpembelian = class(TForm)
Label2: TLabel;
Label3: TLabel;
Label4: TLabel;
Label5: TLabel;
Label6: TLabel;
edBon: TEdit;
EKsupp: TEdit;
cmbSupp: TComboBox;
edAlamat: TEdit;
Label7: TLabel;
Label8: TLabel;
Label9: TLabel;
Label10: TLabel;
EKBarang: TEdit;
cmbBarang: TComboBox;
edQty: TEdit;
edHarga: TEdit;
dbPembelian: TDBGrid;
BtSimpan: TBitBtn;
Label11: TLabel;
edTotal: TEdit;
BtTambah: TBitBtn;
BtCetak: TBitBtn;
BtKeluar: TBitBtn;
edTanggal: TEdit;
Label1: TLabel;
cmbPegawai: TComboBox;
QBel: TIBQuery;
RvDataSetConnection18: TRvDataSetConnection;
RvBeli: TRvProject;
QBelikODESUP: TIBStringField;
QBelinAMA: TIBStringField;
QBelikODEBARANG: TIBStringField;
QBelibONPEMBELIAN: TIBStringField;
QBelihRBELI: TIntegerField;
QBeliqTYB: TIntegerField;
QBelipeGAWAI: TIBStringField;
procedure FormActivate(Sender: TObject);
procedure TampilkanSemua;
procedure TampilkanItem;
procedure JumlahTotal;
procedure cmbSuppChange(Sender: TObject);
procedure EKBarangExit(Sender: TObject);
procedure cmbBarangClick(Sender: TObject);
procedure BtSimpanClick(Sender: TObject);
procedure BtTambahClick(Sender: TObject);

```

```

procedure BtKeluarClick(Sender: TObject);
procedure dbPembelianDbIClick(Sender: TObject);
procedure FormShow(Sender: TObject);
procedure cmbPegawaiChange(Sender: TObject);
procedure BtCetakClick(Sender: TObject);
private
  { Private declarations }
public
  { Public declarations }
end;

var
  frmPembelian: TfrmPembelian;

implementation
  Uses UModul;
  {$R *.dfm}

procedure TfrmPembelian.JumlahTotal;
begin
  //untuk menghitung jumlah total pembelian per bon dan ditampilkan pada edTotal
  With Dm.QData Do
  begin
  close;
  Sql.Clear;
  Sql.Add('Select Sum(QTYB*HRBELI)As JumlahTotal from PEMBELIAN');
  Sql.Add('Where PEMBELIAN.BONPEMBELIAN=:bb');
  Prepare;
  ParamByName('bb').AsString:=Trim(edBon.Text);
  Open;
  edTotal.Text:=FloatToStr(Fields[0].AsFloat);
  end;
end;

procedure TfrmPembelian.TampilkanItem;
begin
  //menampilkan semua data pembelian
  With Dm.Qproses Do
  Begin
  close;
  Sql.Clear;
  Sql.Add('Select PEMBELIAN.KODEBARANG,BARANG.NAMABARANG,PEMBELIAN.QTYB, '+
  'PEMBELIAN.HRBELI,(PEMBELIAN.HRBELI*PEMBELIAN.QTYB)Jumlah from PEMBELIAN');
  Sql.Add('Inner Join BARANG on BARANG.KODEBARANG=PEMBELIAN.KODEBARANG');
  Sql.Add('Where PEMBELIAN.BONPEMBELIAN=:bb');
  prepare;
  ParamByName('bb').AsString:=Trim(edBon.Text);
  Open;
  end;
end;

procedure TfrmPembelian.TampilkanSemua;
begin
  TampilkanItem;
  JumlahTotal;
end;

procedure TfrmPembelian.FormActivate(Sender: TObject);
begin
  With Dm.QData Do
  begin
  close;
  Sql.Clear;
  Sql.Add('Select KODESUP from BELI');
  Sql.Add('Where BONPEMBELIAN=:bb');
  Prepare;
  ParamByName('bb').AsString:=Trim(edBon.Text);
  Open;

```



```

EKsupp.Text:=Fields[0].AsString;
end;
//menajlankan procedure tampilkanitem
TampilkanSemua;
end;

procedure Tfrmpembelian.cmbSuppChange(Sender: TObject);
begin
//menampilkan kode dan alamat customer sesuai dengan nama customer yg ada di comboSup
With Dm.QData Do
begin
close;
Sql.Clear;
Sql.Add('Select KODESUP,ALAMAT from SUPPLIER');
Sql.Add('Where NAMA=:ns');
Prepare;
ParamByName('ns').AsString:=cmbSupp.Text;
Open;
EKsupp.Text:=Trim(Fields[0].AsString);
edAlamat.Text:=Trim(Fields[1].AsString);
end;

//jika comobsup tdk kosong maka update field kode customer dr tabel penjualan
//sesuai dengan no bon yg aktif
If cmbSupp.Text<>"Then
Begin
With Dm.QProses Do
Begin
close;
Sql.Clear;
Sql.Add('Update BELI set KODESUP=:ks');
Sql.Add('Where BONPEMBELIAN=:bb');
Prepare;
ParamByName('bb').AsString:=Trim(edBon.Text);
ParamByName('ks').AsString:=Trim(EKsupp.Text);
ExecSql;
End;
Dm.coSport.Commit;
End
else
Begin
ShowMessage('Supplier Harus Di Isi');
cmbSupp.SetFocus;
end;
//menampilkan semua tampilan
TampilkanSemua;
end;

procedure Tfrmpembelian.EKBarangExit(Sender: TObject);
begin
//jika kode barang tidak kosong maka tampilan nama barang dan harga jual
//dari tabel barang sesuai dengan kode barang
//yang akan diminta yang berada di EKBarang.text
If EKBarang.Text<>Trim("")Then
Begin
With Dm.QData Do
begin
Close;
Sql.Clear;
Sql.Add('Select NAMABARANG, HRBELI from BARANG');
Sql.Add('Where KODEBARANG=:kb');
Prepare;
ParamByName('kb').AsString:=EKBarang.text;
Open;
cmbBarang.Text:=Trim(Fields[0].Value);
edHarga.Text:=Trim(FloatToStr(Fields[1].Value));
edQty.Text:=Trim('1');
end;

```

```

end;
end;

procedure Tfrmpembelian.cmbBarangClick(Sender: TObject);
begin
//menampilkan KoBarang, Hr beli dari tabel barang
//dimana Nama barang sesuai dengan comboBarang
//kode ditampilkan pada edKode, hr beli di ed Harga
//qty di edQty dan satuan di edSatuan
With Dm.QData Do
begin
close;
Sql.Clear;
Sql.Add('Select KODEBARANG, HRBELI from BARANG');
Sql.Add('Where NAMABARANG=:nb');
Prepare;
ParamByName('nb').AsString:=Trim(cmbBarang.Text);
Open;
EKBarang.Text:=Trim(Fields[0].Value);
edHarga.Text:=Trim(FloatToStr(Fields[1].Value));
edQty.Text:=Trim('1');
end;
end;

procedure Tfrmpembelian.BtSimpanClick(Sender: TObject);
//insialisasi untuk variable stok dengan tipe data double
var Stok : Double;
begin
//masukkan data kedalam tabel beliitem dengan data yang tecantum
//di masing editbox
With Dm.QData Do
Begin
close;
Sql.Clear;
Sql.Add('Insert Into PEMBELIAN(BONPEMBELIAN, KODEBARANG, HRBELI, QTYB,PEGAWAI)'+
'Values(:bb, :kb, :hb, :qb, :pg)');
Prepare;
ParamByName('bb').AsString:=Trim(edBon.Text);
ParamByName('kb').AsString:=Trim(EKBarang.Text);
ParamByName('hb').AsFloat:=StrToFloat(edHarga.Text);
ParamByName('qb').AsFloat:=StrToFloat(edQty.Text);
ParamByName('pg').AsString:=Trim(cmbPegawai.Text);
Execsql;
end;

//untukmenambahkan jumlah stok barang
With Dm.QData Do
Begin
Close;
Sql.Clear;
Sql.Add('Select STOK from BARANG');
Sql.Add('Where KODEBARANG =:kb');
Prepare;
ParamByName('kb').AsString:=Trim(EKBarang.Text);
Open;
Stok:=Fields[0].AsFloat;

//update data stok barang dengan membaca nilai stok dari
//query diatasnya lalu ditambahkan dengan qty penjualan
//stok yg di update harus sesuai dengan kode barang nya.
Dm.QData.Close;
Dm.QData.SQL.Clear;
Dm.QData.SQL.Add('Update BARANG set STOK=:sk');
Dm.QData.SQL.Add('Where KODEBARANG=:kb');
Prepare;
ParamByName('kb').AsString:=Trim(EKBarang.Text);
ParamByName('sk').AsFloat:=Stok+StrToFloat(edQty.Text);
ExecSql;

```

```

end;

Dm.coSport.Commit;
EKBarang.Clear;
edHarga.Text:=Trim("");
edQty.Clear;
cmbBarang.Text:=Trim("");
cmbBarang.SetFocus;
TampilkanSemua;
end;

procedure Tfrmpembelian.BtTambahClick(Sender: TObject);
begin
//menampilkan bonbeli (no bon)
With Dm.QData Do
begin
Close;
Sql.Clear;
Sql.Add('Select BONPEMBELIAN from BELI');
open;

//jika ternyata tidak ada (null) maka
If Fields [0].IsNull Then
Begin
edBon.Text:='00001';
end
else

//jika ada nilai nya maka, tentukan nobon paling akhir
begin
With Dm.QData Do
begin
close;
Sql.Clear;
Sql.Add('Select Max(BONPEMBELIAN)from BELI');
open;

//ini adalah format agar di awalsi dengan 0000
edBon.Text:=FormatFloat('00000',StrToFloat(Fields[0].Value+1));
end;
end;
end;

//simpan nobon tersebut kedalam tabel jual ke fiel bonpembelian
With Dm.QProses Do
begin
Close;
Sql.Clear;
Sql.Add('Insert into BELI(BONPEMBELIAN, TGL)Values(:bb,:tg)');
Prepare;
ParamByName('bb').AsString:=edBon.Text;
ParamByName('tg').AsDate:=StrToDate(edTanggal.Text);
ExecSql;
end;

Dm.coSport.Commit;
EKBarang.Clear;
cmbSupp.Text:=Trim("");
EKsupp.Clear;
edAlamat.Clear;
edQty.Clear;
edHarga.Clear;
edTotal.Clear;

TampilkanSemua;
end;

procedure Tfrmpembelian.BtKeluarClick(Sender: TObject);

```

```

begin
close;
end;

procedure Tfrmpembelian.dbPembelianDbClick(Sender: TObject);
//inisialisasi untuk var stok dgn tipe data double
var Stok : Double;
begin
If messageDlg('Data ini mau di hapus?',mtConfirmation,[mbYes,mbNo],0)
=mrYes Then
begin
//untuk menambah jmlah stok barang
With Dm.QData Do
begin
close;
Sql.Clear;
Sql.Add('Select STOK from BARANG');
Sql.Add('Where KODEBARANG=:kb');
prepare;
ParamByName('kb').AsString:=Trim(dbPembelian.Fields[0].AsString);
open;
Stok:=Fields[0].AsFloat;

//update data stok barang dengan cara membaca nilai stok dari query diatasnya
//lalu ditambahkan dgn qty pembelian stok yg update harus sesuai dengan kode barang

Dm.QData.Close;
Dm.QData.SQL.Clear;
Dm.QData.SQL.Add('Update BARANG set STOK=:st');
Dm.QData.SQL.Add('Where KODEBARANG=:kb');
prepare;
ParamByName('kb').AsString:=Trim(dbPembelian.Fields[0].AsString);
ParamByName('st').AsFloat:=Stok+dbPembelian.Fields[2].AsFloat;
ExecSql;
end;

//hapus recorddari tabel pembelian dengan no bon pembelian n kode barang
//yg sudah ditentukan di dbPembelian
With Dm.QData Do
begin;
close;
Sql.Clear;
Sql.Add('Delete from PEMBELIAN');
Sql.Add('Where BONPEMBELIAN=:bb and KODEBARANG=:kb');
prepare;
ParamByName('bb').AsString:=Trim(edBon.Text);
ParamByName('kb').AsString:=dbPembelian.Fields[0].AsString;
ExecSql;
end;

Dm.coSport.Commit;
TampilkanSemua;
end;
end;

procedure Tfrmpembelian.FormShow(Sender: TObject);
begin
//ambil nilai bon akhir, tampilkan di edBon
With Dm.QData Do
begin
close;
Sql.Clear;
Sql.Add('Select Max(BONPEMBELIAN)from BELI');
Open;
edBon.Text:=FormatFloat('00000',StrToFloat(Fields[0].Value));
end;

//tampilkan tanggal pd edTanggal

```

```

edTanggal.Text:=DateToStr(Date);

//tarik nama supplier ke cmbSupp
cmbSupp.Clear;
With Dm.Qproses Do
begin
close;
Sql.Clear;
Sql.Add('Select Distinct NAMA from SUPPLIER');
Sql.Add('Order by NAMA');
Open;
while not Eof Do
begin
cmbSupp.Items.Add(Trim(Fields[0].AsString));
Next;
end;
end;

//tarik nama barang ke comboBarang
cmbBarang.Clear;
With Dm.Qproses Do
Begin
close;
Sql.Clear;
Sql.Add('Select Distinct NAMABARANG from BARANG');
Sql.Add('Order by NAMABARANG');
Open;
while not Eof Do
begin
cmbBarang.Items.Add(Trim(Fields[0].AsString));
Next;
end;
end;

//tarik nama pegawai ke cmbPegawai
cmbPegawai.Clear;
With Dm.Qproses Do
Begin
close;
Sql.Clear;
Sql.Add('Select Distinct PEGAWAI from KARYAWAN');
Sql.Add('Order by PEGAWAI');
Open;
while not Eof Do
begin
cmbPegawai.Items.Add(Trim(Fields[0].AsString));
Next;
end;
end;
TampilkanSemua;
end;

procedure Tfrmpembelian.cmbPegawaiChange(Sender: TObject);
begin
With Dm.QData Do
Begin
Close;
Sql.Clear;
Sql.Add('Select PEGAWAI From KARYAWAN');
Sql.Add('Where PEGAWAI =:p');
Prepare;
ParamByName('p').AsString := cmbPegawai.Text;
Open;
cmbPegawai.Text := Trim(Fields[0].AsString);
end;
end;

procedure Tfrmpembelian.BtCetakClick(Sender: TObject);

```

```

begin
With QBeli do
Begin
  Close;
  OPen;
end;
RvBeli.Execute;
end;

end.

```

## Form Penjualan

unit penjualan;

interface

uses

Windows, Messages, SysUtils, Variants, Classes, Graphics, Controls, Forms,  
 Dialogs, Grids, DBGrids, StdCtrls, Buttons, DB, IBCustomDataSet, IBQuery,  
 RpCon, RpConDS, RpDefine, RpRave;

type

```

Tfrmpenjualan = class(TForm)
  Label1: TLabel;
  Label2: TLabel;
  Label3: TLabel;
  Label4: TLabel;
  Label5: TLabel;
  Label6: TLabel;
  cmbPegawai: TComboBox;
  edTanggal: TEdit;
  edBon: TEdit;
  edKCustomer: TEdit;
  cmbCustomer: TComboBox;
  edAlamat: TEdit;
  edKBarang: TEdit;
  cmbBarang: TComboBox;
  edQty: TEdit;
  edHarga: TEdit;
  Label7: TLabel;
  Label8: TLabel;
  Label9: TLabel;
  Label10: TLabel;
  dbJual: TDBGrid;
  BtSimpan: TBitBtn;
  BtTambah: TBitBtn;
  BtCetak: TBitBtn;
  BtKeluar: TBitBtn;
  Label11: TLabel;
  edTotal: TEdit;
  RvJual: TRvProject;
  RvDataSetConnection19: TRvDataSetConnection;
  QJual: TIBQuery;
  QJualKODECUS: TIBStringField;
  QJualNAMA: TIBStringField;
  QJualKODEBARANG: TIBStringField;
  QJualBONPENJUALAN: TIBStringField;
  QJualHRJUAL: TIntegerField;
  QJualQTYJ: TIntegerField;
  QJualPEGAWAI: TIBStringField;
  procedure JumlahTotal;
  procedure TampilkanItem;
  procedure TampilkanSemua;
  procedure cmbCustomerChange(Sender: TObject);
  procedure edKBarangExit(Sender: TObject);
  procedure cmbBarangClick(Sender: TObject);
  procedure cmbPegawaiChange(Sender: TObject);
  procedure FormActivate(Sender: TObject);

```

```

procedure BtSimpanClick(Sender: TObject);
procedure BtTambahClick(Sender: TObject);
procedure BtKeluarClick(Sender: TObject);
procedure dbJualDbiClick(Sender: TObject);
procedure FormShow(Sender: TObject);
procedure BtCetakClick(Sender: TObject);
private
  { Private declarations }
public
  { Public declarations }
end;

var
  frmpenjualan: Tfrmpenjualan;

implementation
Uses UModul;
{$R *.dfm}

procedure Tfrmpenjualan.JumlahTotal;
begin
// prosedur untuk menghitung total penjualan bon dan ditampilkan di edTotal
With Dm.QData Do
begin
close;
Sql.Clear;
Sql.Add('Select Sum(QTYJ*HRJUAL)As JumlahTotal from PENJUALAN');
Sql.Add('where PENJUALAN.BONPENJUALAN=:bj');
Prepare;
ParamByName('bj').AsString:=Trim(edBon.Text);
Open;
edTotal.Text:=FloatToStr(Fields[0].AsFloat);
end;
end;

procedure Tfrmpenjualan.TampilkanItem;
begin
With Dm.QProses Do
begin
close;
Sql.Clear;
Sql.Add('Select PENJUALAN.KODEBARANG,BARANG.NAMABARANG,PENJUALAN.QTYJ, '+
'PENJUALAN.HRJUAL,(PENJUALAN.HRJUAL*PENJUALAN.QTYJ)Jumlah From PENJUALAN');
Sql.Add('Inner Join BARANG on BARANG.KODEBARANG=PENJUALAN.KODEBARANG');
Sql.Add('Where PENJUALAN.BONPENJUALAN=:bj');
Prepare;
ParamByName('bj').AsString:=Trim(edBon.Text);
Open;
end;
end;

procedure Tfrmpenjualan.TampilkanSemua;
begin
TampilkanItem;
JumlahTotal;
end;

procedure Tfrmpenjualan.cmbCustomerChange(Sender: TObject);
begin
With Dm.QData Do
begin
close;
Sql.Clear;
Sql.Add('Select KODECUS, ALAMAT from CUSTOMER');
Sql.Add('Where NAMA=:nc');
Prepare;
ParamByName('nc').AsString:=cmbCustomer.Text;
open;

```

```

edKCustomer.Text:=Trim(Fields[0].AsString);
edAlamat.Text:=Trim(Fields[1].AsString);
end;

If cmbCustomer.Text<>"then
begin
With Dm.QProses Do
begin
close;
Sql.Clear;
Sql.Add('Update JUAL set KODECUS=:kc');
Sql.Add('Where BONPENJUALAN=:bj');
Prepare;
ParamByName('bj').AsString:=Trim(edBon.Text);
ParamByName('kc').AsString:=Trim(edKCustomer.Text);
ExecSql;
end;
Dm.coSport.Commit;
end
else
Begin
ShowMessage('Customer Harus Diisi');
cmbCustomer.setFocus;
end;
TampilkanSemua;
end;

procedure Tfrmpenjualan.edKBarangExit(Sender: TObject);
begin
if edKBarang.Text<>Trim("")Then
begin
With Dm.QData Do
begin
close;
Sql.Clear;
Sql.Add('Select NAMABARANG, HRJUAL from BARANG');
Sql.Add('Where KODEBARANG=:kb');
Prepare;
ParamByName('kb').AsString:=edKBarang.Text;
open;
cmbBarang.Text:=Trim(Fields[0].Value);
edHarga.Text:=Trim(FloatToStr(Fields[1].Value));
edQty.Text:=Trim('1');
end;
end;
end;

procedure Tfrmpenjualan.cmbBarangClick(Sender: TObject);
begin
With Dm.QData Do
begin
Sql.Clear;
Sql.Add('select KODEBARANG, HRJUAL from BARANG');
Sql.Add('Where NAMABARANG=:nb');
Prepare;
ParamByName('nb').AsString:=Trim(cmbBarang.Text);
Open;
edKBarang.Text:=Trim(Fields[0].Value);
edHarga.Text:=Trim(FloatToStr(Fields[1].Value));
edQty.Text:=Trim('1');
end;
end;

procedure Tfrmpenjualan.cmbPegawaiChange(Sender: TObject);
begin
With Dm.QData Do
Begin
Close;

```



```

Sql.Clear;
Sql.Add('Select PEGAWAI From KARYAWAN');
Sql.Add('Where PEGAWAI =:np');
Prepare;
ParamByName('np').AsString := cmbPegawai.Text;
Open;
cmbPegawai.Text:=Trim(Fields[0].AsString);
end;
end;

procedure Tfrmpenjualan.FormActivate(Sender: TObject);
begin
With Dm.QData Do
begin
close;
Sql.Clear;
Sql.Add('Select KODECUS from JUAL');
Sql.Add('Where BONPENJUALAN=:bj');
Prepare;
ParamByName('bj').AsString:=Trim(edBon.Text);
open;
edKCustomer.text:=Fields[0].AsString;
end;
TampilkanSemua;
end;

procedure Tfrmpenjualan.BtSimpanClick(Sender: TObject);
var Stok:Double;
begin
begin
With Dm.QData Do
begin
close;
Sql.Clear;
Sql.Add('Insert into PENJUALAN(BONPENJUALAN,KODEBARANG,HRJUAL,QTYJ,PEGAWAI)+'
'Values(:bj,:kb,:hj,:qj,:pg)');
Prepare;
ParamByName('bj').AsString:=Trim(edBon.Text);
ParamByName('kb').AsString:=Trim(edKBarang.Text);
ParamByName('hj').AsFloat:=StrToFloat(edHarga.Text);
ParamByName('qj').AsFloat:=StrToFloat(edQty.Text);
ParamByName('qj').AsFloat:=StrToFloat(edQty.Text);
ParamByName('pg').AsString:=Trim(cmbPegawai.Text);
ExecSql;
end;

With Dm.QData Do
begin
close;
Sql.Clear;
Sql.Add('Select STOK from BARANG');
Sql.Add('Where KODEBARANG=:kb');
Prepare;
ParamByName('kb').AsString:=Trim(edKBarang.Text);
open;
STOK:=Fields[0].AsFloat;

Dm.QData.Close;
Dm.QData.SQL.Clear;
Dm.QData.SQL.Add('Update BARANG set STOK=:st');
Dm.QData.SQL.Add('Where KODEBARANG=:kb');
Prepare;
ParamByName('kb').AsString:=Trim(edKBarang.Text);
ParamByName('st').AsFloat:=Stok-StrToFloat(edQty.Text);
ExecSql;
end;

Dm.coSport.Commit;

```

```

edKBarang.Clear;
edHarga.Clear;
edQty.Clear;
cmbBarang.Text:=Trim("");
cmbBarang.SetFocus;
TampilkanSemua;
end;
end;

procedure Tfrmpenjualan.BtTambahClick(Sender: TObject);
begin
With Dm.QData Do
begin
close;
Sql.Clear;
Sql.Add('Select BONPENJUALAN from JUAL');
open;

If fields[0].IsNull Then
begin
edBon.Text:='00001';
end
else
begin
With Dm.QData Do
begin
close;
Sql.Clear;
Sql.Add('Select Max(BONPENJUALAN)from JUAL');
open;

edBon.Text:=FormatFloat('00000',StrToFloat(Fields[0].Value+1));
end;
end;
end;

With Dm.QProses Do
begin
close;
Sql.Clear;
Sql.Add('Insert into JUAL(BONPENJUALAN,TGL)Values(:bj,:tg)');
Prepare;
ParamByName('bj').AsString:=edBon.Text;
ParamByName('tg').AsDate:=StrToDate(edTanggal.Text);
Execsql;
end;

Dm.coSport.Commit;
edKBarang.Clear;
cmbCustomer.Text:=Trim("");
edKCustomer.Clear;
edAlamat.Clear;
edQty.Clear;
edHarga.Clear;
edTotal.Clear;

TampilkanSemua;
end;

procedure Tfrmpenjualan.BtKeluarClick(Sender: TObject);
begin
close;
end;

procedure Tfrmpenjualan.dbJualDbClick(Sender: TObject);
var Stok : Double;
begin
If MessageDlg('Data ini mau di hapus?',mtConfirmation,[mbYes,mbNo],0)

```

```

=mrYes Then
begin
With Dm.QData Do
begin
close;
Sql.Clear;
Sql.Add('Select STOK from BARANG');
Sql.Add('Where KODEBARANG=:kb');
Prepare;
ParamByName('kb').AsString:=Trim(dbJual.Fields[0].AsString);
open;
Stok:=Fields[0].AsFloat;

Dm.QData.Close;
Dm.QData.SQL.Clear;
Dm.QData.SQL.Add('Update BARANG set STOK=:st');
Dm.QData.SQL.Add('Where KODEBARANG=:kb');
Prepare;
ParamByName('kb').AsString:=Trim(dbJual.Fields[0].AsString);
ParamByName('st').AsFloat:=Stok-dbJual.Fields[2].AsFloat;
execsql;
end;

With Dm.QData Do
begin
close;
Sql.Clear;
Sql.Add('Delete FROM PENJUALAN');
Sql.Add('Where BONPENJUALAN=:bj and KODEBARANG=:kb');
Prepare;
ParamByName('bj').AsString:=Trim(edBon.Text);
ParamByName('kb').AsString:=dbJual.Fields[0].AsString;
ExecSql;
end;

Dm.coSport.Commit;
TampilkanSemua;
end;
end;

procedure Tfrmpenjualan.FormShow(Sender: TObject);
begin
With Dm.QData Do
begin
close;
Sql.Clear;
Sql.Add('Select Max(BONPENJUALAN)from JUAL');
open;
edBon.Text:=FormatFloat('00000',StrToFloat(Fields[0].Value));
end;

edTanggal.Text:=DateToStr(Date);

cmbCustomer.Clear;
With Dm.QProses Do
begin
close;
Sql.Clear;
Sql.Add('Select Distinct NAMA from CUSTOMER');
Sql.Add('Order by NAMA');
Open;

while not Eof Do
begin
cmbCustomer.Items.Add(Trim(Fields[0].AsString));
Next;
end;

```

```

end;

cmbBarang.Clear;
With Dm.QProses Do
begin
close;
Sql.Clear;
Sql.Add('Select Distinct NAMABARANG from BARANG');
Sql.Add('Order by NAMABARANG');
open;

While not Eof Do
begin
cmbBarang.Items.Add(Trim(Fields[0].AsString));
Next;
end;
end;

cmbPegawai.Clear;
With Dm.QProses Do
begin
close;
Sql.Clear;
Sql.Add('Select Distinct PEGAWAI from KARYAWAN');
Sql.Add('Order by PEGAWAI');
open;
while not Eof Do
begin
cmbPegawai.Items.Add(Trim(Fields[0].AsString));
Next;
end;
end;
TampilkanSemua;
end;

procedure Tfrmpenjualan.BtCetakClick(Sender: TObject);
begin
With QJual do
Begin
Close;
OPen;
end;
RvJual.Execute;
end;

end.

```

## **Form Booking**

```

unit booking;

interface

uses
Windows, Messages, SysUtils, Variants, Classes, Graphics, Controls, Forms,
Dialogs, StdCtrls, Buttons, Grids, DBGrids, ComCtrls, DB,
IBCustomDataSet, IBQuery, RpCon, RpConDS, RpDefine, RpRave;

type
Tfrmbooking = class(TForm)
Label1: TLabel;
Label2: TLabel;
Label3: TLabel;
Label4: TLabel;
Label5: TLabel;
Label6: TLabel;
Label7: TLabel;
Label8: TLabel;

```

```

Label9: TLabel;
Label10: TLabel;
edBooking: TEdit;
cmbOlahraga: TComboBox;
edNama: TEdit;
cmbKategori: TComboBox;
cmbLapangan: TComboBox;
tglBooking: TDateTimePicker;
tglSewa: TDateTimePicker;
edSewa: TEdit;
edWaktu: TEdit;
edTarif: TEdit;
DBGrid1: TDBGrid;
edTotal: TEdit;
BtTotal: TBitBtn;
BtSimpan: TBitBtn;
BtHapus: TBitBtn;
BtCetak: TBitBtn;
BtKeluar: TBitBtn;
Label11: TLabel;
cmbPegawai: TComboBox;
QBooking: TIBQuery;
edTambah: TEdit;
Label12: TLabel;
RvBooking: TRvProject;
RvDataSetConnection8: TRvDataSetConnection;
QBookingNOBOOKING: TIBStringField;
QBookingNAMAOLAHRAGA: TIBStringField;
QBookingNAMA: TIBStringField;
QBookingKATEGORI: TIBStringField;
QBookingTGLBOOKING: TDateField;
QBookingTGLSEWA: TDateField;
QBookingLAMASEWA: TIntegerField;
QBookingWAKTUPAKAI: TIBStringField;
QBookingTARIF: TIntegerField;
QBookingTOTAL: TIntegerField;
QBookingNOLAPANG: TIntegerField;
QBookingPEGAWAI: TIBStringField;
procedure BtKeluarClick(Sender: TObject);
procedure BtSimpanClick(Sender: TObject);
procedure BtHapusClick(Sender: TObject);
procedure FormActivate(Sender: TObject);
procedure cmbOlahragaChange(Sender: TObject);
procedure cmbPegawaiChange(Sender: TObject);
procedure FormShow(Sender: TObject);
procedure FormCreate(Sender: TObject);
procedure cmbKategoriClick(Sender: TObject);
procedure BtTotalClick(Sender: TObject);
procedure BtCetakClick(Sender: TObject);
private
  { Private declarations }
public
  { Public declarations }
end;

var
  frmbooking: Tfrmbooking;

implementation
  Uses UModul;
  {$R *.dfm}

procedure Tfrmbooking.BtKeluarClick(Sender: TObject);
begin
  close;
end;

procedure Tfrmbooking.BtSimpanClick(Sender: TObject);

```

```

begin
With Dm.QData Do
Begin
close;
Sql.Clear;
Sql.Add('Insert into BOOKING(NOBOOKING, NAMAOLAHRAGA, NAMA, KATEGORI, TGLBOOKING,
TGLSEWA, LAMASEWA, WAKTUPAKAI, TARIF, TOTAL, NOLAPANG, PEGAWAI)'+
'Values(:nb, :nr, :n, :kt, :tb, :ts, :ls, :wp, :tr, :tt, :np, :pg)');
Prepare;
ParamByName('nb').AsString := edBooking.Text;
ParamByname('nr').AsString := cmbOlahraga.Text;
ParamByname('n').AsString := edNama.Text;
ParamByName('kt').AsString := cmbKategori.Text;
ParamByName('tb').AsDate := tglBooking.Date;
ParamByName('ts').AsDate := tglSewa.Date;
ParamByName('ls').AsString := edSewa.Text;
ParamByName('wp').AsString := edWaktu.Text;
ParamByName('tr').AsFloat := StrToFloat(edTarif.Text);
ParamByName('tt').AsFloat := StrToFloat(edTotal.Text);
ParamByName('np').AsString := cmbLapangan.Text;
ParamByName('pg').AsString := cmbPegawai.Text;
ExecSql;
end;

Dm.coSport.Commit;
edBooking.Clear;
edNama.Clear;
edSewa.Clear;
edWaktu.Clear;
edTarif.Clear;
edTotal.Clear;
edBooking.setFocus;

With Dm.QProses Do
begin
close;
Sql.Clear;
Sql.Add('Select NOBOOKING, NAMAOLAHRAGA, NAMA, KATEGORI, TGLBOOKING, TGLSEWA,
LAMASEWA, WAKTUPAKAI, TARIF, TOTAL, NOLAPANG, PEGAWAI from BOOKING');
open;
end;
end;

procedure Tfrmbooking.BtHapusClick(Sender: TObject);
begin
With Dm.QProses Do
begin
close;
Sql.Clear;
Sql.Add('Delete from BOOKING');
Sql.Add('Where NOBOOKING=:nb');
prepare;
ParamByName('nb').AsString := edBooking.Text;
ExecSql;
end;

Dm.coSport.Commit;

With Dm.QProses Do
begin
close;
Sql.Clear;
Sql.Add('Select NOBOOKING, NAMAOLAHRAGA, NAMA, KATEGORI, TGLBOOKING, TGLSEWA,
LAMASEWA, WAKTUPAKAI, TARIF, TOTAL, NOLAPANG, PEGAWAI from BOOKING');
open;
end;
end;

```

```

procedure Tfrmbooking.FormActivate(Sender: TObject);
begin
With Dm.QProses Do
begin
close;
Sql.Clear;
Sql.Add('Select NOBOOKING, NAMAOLAHRAGA, NAMA, KATEGORI, TGLBOOKING, TGLSEWA,
LAMASEWA, WAKTUPAKAI, TARIF, TOTAL, NOLAPANG, PEGAWAI from BOOKING');
open;
end;
end;

```

```

procedure Tfrmbooking.cmbOlahragaChange(Sender: TObject);
begin
With Dm.QData Do
begin
close;
Sql.Clear;
Sql.Add('Select NAMAOLAHRAGA, TARIF from FASILITAS');
Sql.Add('Where NAMAOLAHRAGA=:nr');
Prepare;
ParamByName('nr').AsString:=cmbOlahraga.Text;
open;
cmbOlahraga.Text:=Trim(Fields[0].AsString);
edTarif.Text:=Trim(Fields[1].AsString);
end;
end;

```

```

procedure Tfrmbooking.cmbPegawaiChange(Sender: TObject);
begin
With Dm.QData Do
Begin
Close;
Sql.Clear;
Sql.Add('Select PEGAWAI From KARYAWAN');
Sql.Add('Where PEGAWAI =:np');
Prepare;
ParamByName('np').AsString := cmbPegawai.Text;
Open;
cmbPegawai.Text:=Trim(Fields[0].AsString);
end;
end;

```

```

procedure Tfrmbooking.FormShow(Sender: TObject);
begin
cmbOlahraga.Clear;
With Dm.QProses Do
Begin
Close;
Sql.Clear;
Sql.Add('Select NAMAOLAHRAGA From FASILITAS');
Sql.Add('Order by NAMAOLAHRAGA');
Open;
while not Eof do
begin
cmbOlahraga.Items.Add(Trim(Fields[0].AsString));
Next;
end;
end;

```

```

cmbPegawai.Clear;
With Dm.QProses Do
begin
close;
Sql.Clear;
Sql.Add('Select PEGAWAI from KARYAWAN');

```

```

Sql.Add('Order by PEGAWAI');
open;
begin
cmbPegawai.Items.Add(Trim(Fields[0].AsString));
Next;
end;
end;
end;

```

```

procedure Tfrmbooking.FormCreate(Sender: TObject);
begin
cmbKategori.Items.Add('Non Member');
cmbKategori.Items.Add('Member');
cmbLapangan.Items.Add('1');
cmbLapangan.Items.Add('2');
cmbLapangan.Items.Add('3');
end;

```

```

procedure Tfrmbooking.cmbKategoriClick(Sender: TObject);
begin
case cmbKategori.ItemIndex of
0:edTambah.Text:='50000';
1:edTambah.Text:='20000';
end;
end;

```

```

procedure Tfrmbooking.BtTotalClick(Sender: TObject);
var
a, b, c, d : real;
begin
a:=StrToFloat(edSewa.text);
b:=StrToFloat(edTarif.text);
c:=StrToFloat(edTambah.text);
d:=(a*b)+c;
edTotal.text:=FloatToStr(d);

```

```

With Dm.QData Do
Begin
Close;
Sql.Clear;
Sql.Add('Select NOBOOKING From BOOKING');
Open;
If Fields[0].IsNull Then
begin
edBooking.text := '00001';
End
Else

```

```

Begin
With Dm.QData Do
Begin
Close;
Sql.Clear;
Sql.Add('Select Max(NOBOOKING) From BOOKING');
Open;
edBooking.Text := FormatFloat('00000',StrToFloat(Fields[0].Value+1));
End;
end;
end;
end;

```

```

procedure Tfrmbooking.BtCetakClick(Sender: TObject);
begin
With QBooking do
Begin
Close;

```



```
OPen;  
end;  
RvBooking.Execute;  
end;
```

```
end.
```

## Form Sewa

```
unit sewa;
```

```
interface
```

```
uses
```

```
Windows, Messages, SysUtils, Variants, Classes, Graphics, Controls, Forms,  
Dialogs, ComCtrls, StdCtrls, Buttons, Grids, DBGrids, DB,  
IBCustomDataSet, IBQuery, RpRave, RpDefine, RpCon, RpConDS;
```

```
type
```

```
Tfrmsewa = class(TForm)  
Label1: TLabel;  
Label2: TLabel;  
Label3: TLabel;  
Label4: TLabel;  
Label5: TLabel;  
Label6: TLabel;  
Label7: TLabel;  
Label8: TLabel;  
Label9: TLabel;  
Label10: TLabel;  
cmbOlahraga: TComboBox;  
edOlahraga: TEdit;  
cmbLapangan: TComboBox;  
edNama: TEdit;  
cmbKategori: TComboBox;  
tglsewa: TDateTimePicker;  
edSewa: TEdit;  
edWaktu: TEdit;  
edTarif: TEdit;  
edTotal: TEdit;  
cmbPegawai: TComboBox;  
DBGrid1: TDBGrid;  
BtTotal: TBitBtn;  
BtSimpan: TBitBtn;  
BtHapus: TBitBtn;  
BtCetak: TBitBtn;  
BtKeluar: TBitBtn;  
Label11: TLabel;  
edBSewa: TEdit;  
QSewa: TIBQuery;  
QSewaKODEOLAHRAGA: TIBStringField;  
QSewaNAMAOLAHRAGA: TIBStringField;  
QSewaNOLAPANGAN: TIBStringField;  
QSewaNAMA: TIBStringField;  
QSewaKATEGORI: TIBStringField;  
QSewaTGLSEWA: TDateField;  
QSewaLAMASEWA: TIntegerField;  
QSewaWAKTUPAKAI: TIBStringField;  
QSewaTARIF: TIntegerField;  
QSewaPEGAWAI: TIBStringField;  
QSewaTOTAL: TIntegerField;  
Label12: TLabel;  
edTambah: TEdit;  
QSewaBONSEWA: TIBStringField;  
RvDataSetConnection15: TRvDataSetConnection;  
RvSewa: TRvProject;  
procedure BtKeluarClick(Sender: TObject);  
procedure BtSimpanClick(Sender: TObject);  
procedure BtHapusClick(Sender: TObject);
```

```

procedure FormActivate(Sender: TObject);
procedure cmbOlahragaChange(Sender: TObject);
procedure cmbPegawaiChange(Sender: TObject);
procedure FormShow(Sender: TObject);
procedure FormCreate(Sender: TObject);
procedure cmbKategoriClick(Sender: TObject);
procedure BtTotalClick(Sender: TObject);
procedure BtCetakClick(Sender: TObject);
private
  { Private declarations }
public
  { Public declarations }
end;

var
  frmsewa: Tfrmsewa;

implementation
Uses UModul;
{$R *.dfm}

procedure Tfrmsewa.BtKeluarClick(Sender: TObject);
begin
close;
end;

procedure Tfrmsewa.BtSimpanClick(Sender: TObject);
begin
With Dm.QData Do
Begin
close;
Sql.Clear;
Sql.Add('Insert into SEWA(KODEOLAHRAGA, NAMAOLAHRAGA, NOLAPANGAN, NAMA, KATEGORI,
TGLSEWA, LAMASEWA, WAKTUPAKAI, TARIF, PEGAWAI, TOTAL, BONSEWA)'+
'Values(:ko, :no, :nl, :n, :kg, :ts, :ls, :wp, :tr, :pg, :tt, :bs)');
Prepare;
ParamByName('ko').AsString := cmbOlahraga.Text;
ParamByname('no').AsString := edOlahraga.Text;
ParamByname('nl').AsString := cmbLapangan.Text;
ParamByName('n').AsString := edNama.Text;
ParamByName('kg').AsString := cmbKategori.Text;
ParamByName('ts').AsDate := tglsewa.Date;
ParamByName('ls').AsString := edSewa.Text;
ParamByName('wp').AsString := edWaktu.Text;
ParamByName('tr').AsFloat := StrToFloat(edTarif.Text);
ParamByName('pg').AsString := cmbPegawai.Text;
ParamByName('tt').AsFloat := StrToFloat(edTotal.Text);
ParamByName('bs').AsString := edBSewa.Text;
ExecSql;
end;

Dm.coSport.Commit;
edOlahraga.Clear;
edNama.Clear;
edSewa.Clear;
edWaktu.Clear;
edTarif.Clear;
edTotal.Clear;
edBSewa.Clear;
cmbOlahraga.setfocus;

With Dm.QProses Do
begin
close;
Sql.Clear;
Sql.Add('Select KODEOLAHRAGA, NAMAOLAHRAGA, NOLAPANGAN, NAMA, KATEGORI, TGLSEWA,
LAMASEWA, WAKTUPAKAI, TARIF, PEGAWAI, TOTAL, BONSEWA from SEWA');
open;

```

```

end;
end;

procedure Tfrmsewa.BtHapusClick(Sender: TObject);
begin
With Dm.QProses Do
begin
close;
Sql.Clear;
Sql.Add('Delete from SEWA');
Sql.Add('Where BONSEWA=:bs');
prepare;
ParamByName('bs').AsString := edBSewa.Text;
ExecSql;
end;

Dm.coSport.Commit;
With Dm.QProses Do
begin
close;
Sql.Clear;
Sql.Add('Select KODEOLAHRAGA, NAMAOLAHRAGA, NOLAPANGAN, NAMA, KATEGORI, TGLSEWA,
LAMASEWA, WAKTUPAKAI, TARIF, PEGAWAI, TOTAL, BONSEWA from SEWA');
open;
end;
end;

procedure Tfrmsewa.FormActivate(Sender: TObject);
begin
With Dm.QProses Do
begin
close;
Sql.Clear;
Sql.Add('Select KODEOLAHRAGA, NAMAOLAHRAGA, NOLAPANGAN, NAMA, KATEGORI, TGLSEWA,
LAMASEWA, WAKTUPAKAI, TARIF, PEGAWAI, TOTAL, BONSEWA from SEWA');
open;
end;
end;

procedure Tfrmsewa.cmbOlahragaChange(Sender: TObject);
begin
With Dm.QData Do
begin
close;
Sql.Clear;
Sql.Add('Select KODEOLAHRAGA, NAMAOLAHRAGA, TARIF from FASILITAS');
Sql.Add('Where KODEOLAHRAGA=:ko');
Prepare;
ParamByName('ko').AsString:=cmbOlahraga.Text;
open;
cmbOlahraga.Text:=Trim(Fields[0].AsString);
edOlahraga.Text:=Trim(Fields[1].AsString);
edTarif.Text:=Trim(Fields[2].AsString);
end;
end;

procedure Tfrmsewa.cmbPegawaiChange(Sender: TObject);
begin
With Dm.QData Do
Begin
Close;
Sql.Clear;
Sql.Add('Select PEGAWAI From KARYAWAN');
Sql.Add('Where PEGAWAI =:np');
Prepare;
ParamByName('np').AsString := cmbPegawai.Text;
Open;
cmbPegawai.Text:=Trim(Fields[0].AsString);

```

```

end;
end;

procedure Tfrmsewa.FormShow(Sender: TObject);
begin
cmbOlahraga.Clear;
With Dm.QProses Do
Begin
Close;
Sql.Clear;
Sql.Add('Select KODEOLAHRAGA From FASILITAS');
Sql.Add('Order by KODEOLAHRAGA');
Open;
while not Eof do
begin
cmbOlahraga.Items.Add(Trim(Fields[0].AsString));
Next;
end;
end;

cmbPegawai.Clear;
With Dm.QProses Do
begin
close;
Sql.Clear;
Sql.Add('Select PEGAWAI from KARYAWAN');
Sql.Add('Order by PEGAWAI');
open;
begin
cmbPegawai.Items.Add(Trim(Fields[0].AsString));
Next;
end;
end;
end;

procedure Tfrmsewa.FormCreate(Sender: TObject);
begin
cmbKategori.Items.Add('Non Member');
cmbKategori.Items.Add('Member');
cmbLapangan.Items.Add('1');
cmbLapangan.Items.Add('2');
cmbLapangan.Items.Add('3');
end;

procedure Tfrmsewa.cmbKategoriClick(Sender: TObject);
begin
case cmbKategori.ItemIndex of
0:edTambah.Text:='50000';
1:edTambah.Text:='20000';
end;
end;

procedure Tfrmsewa.BtTotalClick(Sender: TObject);
var
a, b, c, d : real;
begin
a:=StrToFloat(edSewa.text);
b:=StrToFloat(edTarif.text);
c:=StrToFloat(edTambah.text);
d:=(a*b)+c;
edTotal.text:=floatToStr(d);

With Dm.QData Do
Begin
Close;
Sql.Clear;
Sql.Add('Select BONSEWA From SEWA');

```

```

Open;
If Fields[0].IsNull Then
begin
edBSewa.text := '00001';
End
Else

Begin
With Dm.QData Do
Begin
Close;
Sql.Clear;
Sql.Add('Select Max(BONSEWA) From SEWA');
Open;
edBSewa.Text := FormatFloat('00000',StrToFloat(Fields[0].Value+1));
End;
end;
end;

end;

procedure Tfrmsewa.BtCetakClick(Sender: TObject);
begin
With QSewa do
Begin
Close;
Open;
end;
RvSewa.Execute;
end;

end.

```

## Form Fasilitas

```
unit fasilitas;
```

```
interface
```

```
uses
```

```
Windows, Messages, SysUtils, Variants, Classes, Graphics, Controls, Forms,
Dialogs, StdCtrls, Buttons;
```

```
type
```

```
Tfrmfasilitas = class(TForm)
Label1: TLabel;
Label2: TLabel;
Label3: TLabel;
edNama: TEdit;
edKode: TEdit;
edTarif: TEdit;
BtSimpan: TBitBtn;
BtHapus: TBitBtn;
BtKeluar: TBitBtn;
BtDaftar: TBitBtn;
procedure FormActivate(Sender: TObject);
procedure BtSimpanClick(Sender: TObject);
procedure BtHapusClick(Sender: TObject);
procedure BtKeluarClick(Sender: TObject);
procedure BtDaftarClick(Sender: TObject);
private
{ Private declarations }
public
{ Public declarations }
end;
```

```

var
  frmfasilitas: Tfrmfasilitas;

implementation
  Uses UModul, frmcaffasilitas;
  {$R *.dfm}

  procedure Tfrmfasilitas.FormActivate(Sender: TObject);
  begin
    With Dm.Qproses Do
    begin
      close;
      Sql.Clear;
      Sql.Add('Select NAMAOLAHRAGA,KODEOLAHRAGA,TARIF from FASILITAS');
      open;
      end;
      end;

  procedure Tfrmfasilitas.BtSimpanClick(Sender: TObject);
  begin
    With Dm.QData Do
    Begin
      Close;
      Sql.Clear;
      Sql.Add('Insert into FASILITAS(NAMAOLAHRAGA,KODEOLAHRAGA,TARIF)+'Values(:nr,:ka,:tf)');
      prepare;
      ParamByName('nr').AsString:=edNama.Text;
      ParamByName('ka').AsString:=edKode.Text;
      ParamByName('tf').AsString:=edTarif.Text;
      ExecSql;
      End;

    Dm.coSport.Commit;
    edNama.Text:=0;
    edKode.Text:=0;
    edTarif.Text:=0;
    edNama.SetFocus;

    With Dm.Qproses Do
    Begin Close;
      Sql.Clear;
      Sql.Add('Select NAMAOLAHRAGA,KODEOLAHRAGA,TARIF from FASILITAS');
      Open;
      end;
      end;

  procedure Tfrmfasilitas.BtHapusClick(Sender: TObject);
  begin
    With Dm.QData Do
    Begin
      Close;
      Sql.Clear;
      Sql.Add('Delete From FASILITAS');
      Sql.Add('Where KODEOLAHRAGA =:ka');
      Prepare;
      ParamByName('ka').AsString := edKode.Text;
      ExecSql;
      End;

    Dm.coSport.Commit;

    With dm.qProses Do
    Begin
      Close;
      Sql.Clear;
      Sql.Add('Select NAMAOLAHRAGA,KODEOLAHRAGA,TARIF from FASILITAS');
      Open;

```

```

end;
end;

procedure Tfrmfasilitas.BtKeluarClick(Sender: TObject);
begin
close;
end;

procedure Tfrmfasilitas.BtDaftarClick(Sender: TObject);
begin
daffasilitas.ShowModal;
end;

end.

```

## Form Daftar Fasilitas

unit frmDaffasilitas;

interface

uses

Windows, Messages, SysUtils, Variants, Classes, Graphics, Controls, Forms,  
Dialogs, StdCtrls, ExtCtrls, DB, IBCustomDataSet, IBQuery, Grids,  
DBGrids, Buttons, RpCon, RpConDS, RpDefine, RpRave;

type

```

Tdaffasilitas = class(TForm)
rdcari: TRadioGroup;
Label1: TLabel;
edcari: TEdit;
BtKeluar: TBitBtn;
DBGrid1: TDBGrid;
QDFasilitas: TIBQuery;
QDFasilitasNAMAOLAHRAGA: TIBStringField;
QDFasilitasKODEOLAHRAGA: TIBStringField;
QDFasilitasTARIF: TIntegerField;
RvProject5: TRvProject;
RvDataSetConnection5: TRvDataSetConnection;
BtCetak: TBitBtn;
procedure edcariChange(Sender: TObject);
procedure BtKeluarClick(Sender: TObject);
procedure BtCetakClick(Sender: TObject);
private
{ Private declarations }
public
{ Public declarations }
end;

```

var

daffasilitas: Tdaffasilitas;

implementation

Uses UModul, fasilitas;  
{ \$R \*.dfm }

```

procedure Tdaffasilitas.edcariChange(Sender: TObject);
begin

```

With dm.Qproses Do

```

begin
close;
Sql.Clear;
Sql.Add('Select * from FASILITAS');

```

//pencarian berdasarkan namaolahraga

If rdCari.ItemIndex = 0 then

```

Begin
Sql.Add('Where NAMAOLAHRAGA like :no');

```

```

prepare;
ParamByName('no').AsString:='%'+edcari.Text+'%';
end
else

//pencarian berdasarkan kodeolahraga
If rdCari.ItemIndex = 1 then
Begin
Sql.Add('Where KODEOLAHRAGA like :ko');
prepare;
ParamByName('ko').AsString:='%'+edcari.Text+'%';
end;
open;
end;
end;

procedure Tdaffasilitas.BtKeluarClick(Sender: TObject);
begin
close;
end;

procedure Tdaffasilitas.BtCetakClick(Sender: TObject);
begin
RvProject5.Execute;
RvProject5.ExecuteReport('dFasilitas.rav');
end;

end.

```

## Form Pegawai

```
unit pegawai;
```

```
interface
```

```
uses
```

```
Windows, Messages, SysUtils, Variants, Classes, Graphics, Controls, Forms,
Dialogs, Grids, DBGrids, StdCtrls, DB, IBCustomDataSet, IBQuery, Buttons;
```

```
type
```

```
Tfrmpegawai = class(TForm)
Label1: TLabel;
Label2: TLabel;
Label3: TLabel;
Label4: TLabel;
Label5: TLabel;
edKode: TEdit;
edNama: TEdit;
edAlamat: TEdit;
edEmail: TEdit;
edKontak: TEdit;
DBGrid1: TDBGrid;
BtSimpan: TBitBtn;
BtHapus: TBitBtn;
BtKeluar: TBitBtn;
BtDaftar: TBitBtn;
procedure FormActivate(Sender: TObject);
procedure BtSimpanClick(Sender: TObject);
procedure BtHapusClick(Sender: TObject);
procedure BtKeluarClick(Sender: TObject);
procedure BtDaftarClick(Sender: TObject);
private
{ Private declarations }
public
{ Public declarations }
end;
```

```
var
```

```
frmpegawai: Tfrmpegawai;
```



```

implementation
Uses UModul, dafpegawai;
{$R *.dfm}

procedure Tfrmpegawai.FormActivate(Sender: TObject);
begin
With Dm.Qproses Do
begin
Close;
Sql.Clear;
Sql.Add('Select KODEPEGAWAI, PEGAWAI, ALAMAT, KONTAK, EMAIL From KARYAWAN');
Open;
end;
end;

procedure Tfrmpegawai.BtSimpanClick(Sender: TObject);
begin
With Dm.QData Do
Begin
Close;
Sql.Clear;
Sql.Add('Insert Into KARYAWAN (KODEPEGAWAI, PEGAWAI, ALAMAT, KONTAK, EMAIL)+'
'Values(:kg, :n, :am, :kk, :el)');
Prepare;
ParamByName('kg').AsString:=Trim(edKode.Text);
ParamByname('n').AsString:=Trim(edNama.Text);
ParamByName('am').AsString:=Trim(edAlamat.Text);
ParamByName('kk').AsString:=Trim(edKontak.Text);
ParamByName('el').AsString:=Trim(edEmail.Text);
ExecSql;
End;

Dm.coSport.Commit;
edKode.Clear;
edNama.Clear;
edAlamat.Clear;
edKontak.Clear;
edEmail.Clear;
edKode.SetFocus;

With Dm.Qproses Do
Begin
Close;
Sql.Clear;
Sql.Add('Select KODEPEGAWAI, PEGAWAI, ALAMAT, KONTAK, EMAIL From KARYAWAN');
Open;
end;
end;

procedure Tfrmpegawai.BtHapusClick(Sender: TObject);
begin
With Dm.QData Do
Begin
Close;
Sql.Clear;
Sql.Add('Delete From KARYAWAN');
Sql.Add('Where KODEPEGAWAI =:kg');
Prepare;
ParamByName('kg').AsString := edKode.Text;
ExecSql;
End;

Dm.coSport.Commit;

With dm.qProses Do
Begin
Close;

```

```

Sql.Clear;
Sql.Add('Select KODEPEGAWAI, PEGAWAI, ALAMAT, KONTAK, EMAIL From KARYAWAN');
Open;
end;
end;

procedure Tfrmpegawai.BtKeluarClick(Sender: TObject);
begin
close;
end;

procedure Tfrmpegawai.BtDaftarClick(Sender: TObject);
begin
frmdafpegawai.ShowModal;
end;

end.

```

## Form Daftar Pegawai

```

unit dafpegawai;

interface

uses
  Windows, Messages, SysUtils, Variants, Classes, Graphics, Controls, Forms,
  Dialogs, Grids, DBGrids, StdCtrls, Buttons, ExtCtrls, DB,
  IBCustomDataSet, IBQuery, RpCon, RpConDS, RpDefine, RpRave;

type
  Tfrmdafpegawai = class(TForm)
    rdcar: TRadioGroup;
    Label1: TLabel;
    edcar: TEdit;
    BtKeluar: TBitBtn;
    DBPegawai: TDBGrid;
    QDPegawai: TIBQuery;
    BtCetak: TBitBtn;
    RvProject4: TRvProject;
    RvDataSetConnection4: TRvDataSetConnection;
    QDPegawaiKODEPEGAWAI: TIBStringField;
    QDPegawaiPEGAWAI: TIBStringField;
    QDPegawaiALAMAT: TIBStringField;
    QDPegawaiKONTAK: TIBStringField;
    QDPegawaiEMAIL: TIBStringField;
    procedure BtKeluarClick(Sender: TObject);
    procedure edcarChange(Sender: TObject);
    procedure BtCetakClick(Sender: TObject);
  private
    { Private declarations }
  public
    { Public declarations }
  end;

var
  frmdafpegawai: Tfrmdafpegawai;

implementation
  Uses UModul, pegawai;
  {$R *.dfm}

  procedure Tfrmdafpegawai.BtKeluarClick(Sender: TObject);
  begin
  close;
  end;

  procedure Tfrmdafpegawai.edcarChange(Sender: TObject);
  begin
  With dm.Qproses Do

```

```

begin
close;
Sql.Clear;
Sql.Add('Select * from KARYAWAN');

//pencarian berdasarkan kodepeg
If rdCari.ItemIndex = 0 then
Begin
Sql.Add('Where KODEPEGAWAI like :kp');
prepare;
ParamByName('kp').AsString:='%'+edcari.Text+'%';
end
else

//pencarian berdasarkan namapeg
If rdCari.ItemIndex = 1 then
Begin
Sql.Add('Where PEGAWAI like :nm');
prepare;
ParamByName('nm').AsString:='%'+edcari.Text+'%';
end
else

//pencarian berdasarkan alamat
If rdCari.ItemIndex = 2 then
Begin
Sql.Add('Where ALAMAT like :al');
prepare;
ParamByName('al').AsString:='%'+edcari.Text+'%';
end;
open;
end;
end;

procedure TfrmDafPegawai.BtCetakClick(Sender: TObject);
begin
RvProject4.Execute;
RvProject4.ExecuteReport('dPegawai.rav');
end;

end.

```

## Form Password

```

unit password;

interface

uses
  Windows, Messages, SysUtils, Variants, Classes, Graphics, Controls, Forms,
  Dialogs, StdCtrls, Buttons;

type
  Tfrmpassword = class(TForm)
    Label2: TLabel;
    Label3: TLabel;
    cmbPegawai: TComboBox;
    edSandi: TEdit;
    BtSimpan: TBitBtn;
    BtHapus: TBitBtn;
    BtKeluar: TBitBtn;
    Label4: TLabel;
    edUser: TEdit;
    edAkses: TEdit;
    Label1: TLabel;
    procedure cmbPegawaiChange(Sender: TObject);
    procedure FormShow(Sender: TObject);
    procedure BtKeluarClick(Sender: TObject);
  end;

```

```

    procedure BtSimpanClick(Sender: TObject);
    procedure BtHapusClick(Sender: TObject);
private
    { Private declarations }
public
    { Public declarations }
end;

var
    frmpassword: Tfrmpassword;

implementation

uses UModul;

{$R *.dfm}

procedure Tfrmpassword.cmbPegawaiChange(Sender: TObject);
begin
    With Dm.QData Do
    begin
        close;
        Sql.Clear;
        Sql.Add('Select PEGAWAI from KARYAWAN');
        Sql.Add('Where PEGAWAI=:kp');
        Prepare;
        ParamByName('kp').AsString:=cmbPegawai.Text;
        open;
        cmbPegawai.Text:=Trim(Fields[0].AsString);
    end;
end;

procedure Tfrmpassword.FormShow(Sender: TObject);
begin
    With Dm.QProses Do
    begin
        close;
        Sql.Clear;
        Sql.Add('Select PEGAWAI from KARYAWAN');
        Sql.Add('Order by PEGAWAI');
        open;
        begin
            cmbPegawai.Items.Add(Trim(Fields[0].AsString));
        end;
        Next;
    end;
end;

procedure Tfrmpassword.BtKeluarClick(Sender: TObject);
begin
    close;
end;

procedure Tfrmpassword.BtSimpanClick(Sender: TObject);
begin
    With Dm.QData Do
    Begin
        Close;
        Sql.Clear;
        Sql.Add('Insert into KUNCI(PEGAWAI, UNAME, PASS, AKSES)+'Values(:kp, :um, :sd, :ak)');
        Prepare;
        ParamByName('kp').AsString:=cmbPegawai.Text;
        ParamByName('um').AsString:=edUser.Text;
        ParamByName('sd').AsString:=edSandi.Text;
        ParamByName('ak').AsFloat:= StrToFloat(edAkses.Text);
        ExecSql;
    end;
end;

```

```

Dm.CoSport.Commit;

edUser.Clear;
edSandi.Clear;
edAkses.Clear;
cmbPegawai.SetFocus;

With Dm.QProses Do
begin
close;
Sql.Clear;
Sql.Add('Select PEGAWAI, UNAME, PASS, AKSES from KUNCI');
Open;
end;
end;

procedure Tfrmpassword.BtHapusClick(Sender: TObject);
begin
With dm.QData Do
Begin
Close;
Sql.Clear;
Sql.Add('Delete from KUNCI');
Sql.Add('Where PEGAWAI=:kp');
Prepare;
ParamByName('kp').AsString:=cmbPegawai.Text;
ExecSql;
End;

Dm.coSport.Commit;

With Dm.Qproses Do
begin
close;
Sql.Clear;
Sql.Add('Select PEGAWAI, UNAME, PASS, AKSES from KUNCI');
Open;
end;
end;

end.

```

## Form Admin

```

unit admin;

interface

uses
Windows, Messages, SysUtils, Variants, Classes, Graphics, Controls, Forms,
Dialogs, StdCtrls, Buttons;

type
Tfrmadmin = class(TForm)
Label2: TLabel;
Label3: TLabel;
Label4: TLabel;
cmbPegawai: TComboBox;
edSandi: TEdit;
BtSimpan: TBitBtn;
BtHapus: TBitBtn;
BtKeluar: TBitBtn;
edUser: TEdit;
procedure BtSimpanClick(Sender: TObject);
procedure BtHapusClick(Sender: TObject);
procedure BtKeluarClick(Sender: TObject);

```

```

    procedure FormShow(Sender: TObject);
    procedure cmbPegawaiChange(Sender: TObject);
    procedure FormActivate(Sender: TObject);
private
    { Private declarations }
public
    { Public declarations }
end;

var
    frmadmin: Tfrmadmin;

implementation
Uses UModul;
{$R *.dfm}

procedure Tfrmadmin.BtSimpanClick(Sender: TObject);
begin
    With Dm.QData Do
    Begin
    Close;
    Sql.Clear;
    Sql.Add('Insert into IDADMIN(KODEPEGAWAI, AUNAME, APASS)+'Values(:kp, :um, :sd)');
    Prepare;
    ParamByName('kp').AsString:=cmbPegawai.Text;
    ParamByName('um').AsString:=edUser.Text;
    ParamByName('sd').AsString:=edSandi.Text;
    ExecSql;
    end;

    Dm.CoSport.Commit;

    edUser.Clear;
    edSandi.Clear;
    cmbPegawai.SetFocus;

    With Dm.QProses Do
    begin
    close;
    Sql.Clear;
    Sql.Add('Select KODEPEGAWAI, AUNAME, APASS from IDADMIN');
    Open;
    end;
    end;

procedure Tfrmadmin.BtHapusClick(Sender: TObject);
begin
    With dm.QData Do
    Begin
    Close;
    Sql.Clear;
    Sql.Add('Delete from IDADMIN');
    Sql.Add('Where KODEPEGAWAI=:kp');
    Prepare;
    ParamByName('kp').AsString:=cmbPegawai.Text;
    ExecSql;
    End;

    Dm.coSport.Commit;

    With Dm.Qproses Do
    begin
    close;
    Sql.Clear;
    Sql.Add('Select KODEPEGAWAI, AUNAME, APASS from IDADMIN');
    Open;
    end;
    end;

```

```

procedure Tfrmadmin.BtKeluarClick(Sender: TObject);
begin
close;
end;

procedure Tfrmadmin.FormShow(Sender: TObject);
begin
With Dm.QProses Do
begin
close;
Sql.Clear;
Sql.Add('Select KODEPEGAWAI from KARYAWAN');
Sql.Add('Order by KODEPEGAWAI');
open;
begin
cmbPegawai.Items.Add(Trim(Fields[0].AsString));
Next;
end;
end;
end;

procedure Tfrmadmin.cmbPegawaiChange(Sender: TObject);
begin
With Dm.QData Do
begin
close;
Sql.Clear;
Sql.Add('Select KODEPEGAWAI from KARYAWAN');
Sql.Add('Where KODEPEGAWAI=:kp');
Prepare;
ParamByName('kp').AsString:=cmbPegawai.Text;
open;
cmbPegawai.Text:=Trim(Fields[0].AsString);
end;
end;
procedure Tfrmadmin.FormActivate(Sender: TObject);
begin
With Dm.QProses Do
begin
close;
Sql.Clear;
Sql.Add('Select KODEPEGAWAI, AUNAME, APASS from IDADMIN');
open;
end;
end;
end.

```