

# Lampiran A

- **Program Form Menu**

```
Public Class Frm_Menu
    Public user As String
    '=====MENU

    Private Sub CUSTOMERToolStripMenuItem_Click(ByVal sender As
System.Object, ByVal e As System.EventArgs) Handles
CUSTOMERToolStripMenuItem.Click
        Frm_Customer.Show()
    End Sub

    Private Sub BARANGToolStripMenuItem_Click(ByVal sender As
System.Object, ByVal e As System.EventArgs) Handles
BARANGToolStripMenuItem.Click
        Frm_Barang.Show()
    End Sub

    Private Sub TOKOToolStripMenuItem1_Click(ByVal sender As System.Object,
ByVal e As System.EventArgs) Handles TOKOToolStripMenuItem.Click
        Frm_Toko.Show()
    End Sub

    Private Sub PENJUALANToolStripMenuItem_Click(ByVal sender As
System.Object, ByVal e As System.EventArgs) Handles
PENJUALANToolStripMenuItem.Click
        Frm_Transaksi.Show()
    End Sub

    Private Sub LOGOUTToolStripMenuItem_Click(ByVal sender As
System.Object, ByVal e As System.EventArgs) Handles
LOGOUTToolStripMenuItem.Click
        If MsgBox("Apakah anda ingin Logout?", MsgBoxStyle.YesNo, "Logout ?") =
MsgBoxResult.Yes Then
            If Not user = "Admin" Then
                toko()
            Else
                toko()
                admin()
            End If
        End If
    End Sub
Sub toko()
    LOGINToolStripMenuItem.Enabled = True
    LOGOUTToolStripMenuItem.Enabled = False
    MASTERToolStripMenuItem.Enabled = False
    BARANGToolStripMenuItem.Visible = True
    TOKOToolStripMenuItem.Visible = True
    TRANSAKSIToolStripMenuItem.Enabled = False
```

```

TRANSAKSIToolStripMenuItem.Enabled = False
LAPORANToolStripMenuItem.Enabled = False

End Sub
Sub admin()
    MASTERToolStripMenuItem.Enabled = False
    BARANGToolStripMenuItem.Visible = False
    TOKOToolStripMenuItem.Visible = False
    TRANSAKSIToolStripMenuItem.Enabled = False
    LAPORANToolStripMenuItem.Enabled = False
End Sub

Private Sub LOGINToolStripMenuItem_Click(ByVal sender As System.Object,
ByVal e As System.EventArgs) Handles LOGINToolStripMenuItem.Click
    Frm_Login.ShowDialog()
End Sub

Private Sub RETURToolStripMenuItem_Click(ByVal sender As System.Object,
ByVal e As System.EventArgs) Handles RETURToolStripMenuItem.Click
    Frm_Retur.Show()
End Sub

Private Sub Frm_menu_Load(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles MyBase.Load
    MASTERToolStripMenuItem.Enabled = False
    TRANSAKSIToolStripMenuItem.Enabled = False
    LAPORANToolStripMenuItem.Enabled = False
End Sub

Private Sub KELUARToolStripMenuItem_Click(ByVal sender As
System.Object, ByVal e As System.EventArgs) Handles
KELUARToolStripMenuItem.Click
    Me.Close()
End Sub

Private Sub PENJUALANToolStripMenuItem1_Click(ByVal sender As
System.Object, ByVal e As System.EventArgs) Handles
PENJUALANToolStripMenuItem1.Click
    Frm_penjualanbrg.Show()
End Sub

Private Sub RETURToolStripMenuItem1_Click(ByVal sender As
System.Object, ByVal e As System.EventArgs) Handles
RETURToolStripMenuItem1.Click
    frm_lapreturpenjualan.Show()
End Sub

Private Sub PembelianToolStripMenuItem_Click(ByVal sender As
System.Object, ByVal e As System.EventArgs) Handles
PembelianToolStripMenuItem.Click
    Frm_Pembelian.Show()
End Sub

```

```

Private Sub ReturPembelianToolStripMenuItem_Click(ByVal sender As
System.Object, ByVal e As System.EventArgs) Handles
ReturPembelianToolStripMenuItem.Click
    Frm_Retur_Pembelian.Show()
End Sub

Private Sub SupplierToolStripMenuItem_Click(ByVal sender As
System.Object, ByVal e As System.EventArgs) Handles
SupplierToolStripMenuItem.Click
    Frm_Sup.Show()
End Sub

Private Sub STOCKToolStripMenuItem_Click(ByVal sender As System.Object,
ByVal e As System.EventArgs) Handles STOCKToolStripMenuItem.Click
    Frm_laporanbrg.Show()
End Sub

Private Sub PEMBELIANToolStripMenuItem1_Click(ByVal sender As
System.Object, ByVal e As System.EventArgs) Handles
PEMBELIANToolStripMenuItem1.Click
    Frm_Lappembelian.Show()
End Sub

Private Sub RETURPEMBELIANToolStripMenuItem1_Click(ByVal sender As
System.Object, ByVal e As System.EventArgs) Handles
RETURPEMBELIANToolStripMenuItem1.Click
    Frm_retpembelian.Show()
End Sub
End Class

```

- **Program Form Login**

```

Public Class Frm_Login
Sub login()
    Dim adapter As New SqlDataAdapter("select *from T_Toko where
Kode_Toko=" & tb_id.Text & " and Hak_Akses='Admin'", Module1.koneksi)
    Dim dt As New DataSet
    adapter.Fill(dt)
    If tb_id.Text = "" Then
        MsgBox("ID harus diisi!", MsgBoxStyle.Information, "Informasi")
        tb_id.Focus()
    ElseIf tb_username.Text = "" Then
        MsgBox("Username harus diisi!", MsgBoxStyle.Information, "Informasi")
        tb_username.Focus()
    ElseIf dt.Tables(0).Rows.Count <> 0 Then
        Frm_Menu.user = "001"
        MsgBox("Terima Kasih, Anda login sebagai admin",
MsgBoxStyle.Information, "Sukses")
        toko()
        admin()
        Frm_menu.Label2.Text = Frm_menu.user
        Close()
    Else

```

```

        adapter = New SqlDataAdapter("select *from T_Toko where
Kode_Toko=" & tb_id.Text & " and Hak_Akses='Operator'", Module1.koneksi)
        dt = New DataSet
        adapter.Fill(dt)
        If dt.Tables(0).Rows.Count <> 0 Then
            Frm_menu.user = tb_id.Text
            MsgBox("Terima Kasih anda berhasil login", MsgBoxStyle.Information,
"Sukses")
            toko()
            Frm_menu.Label2.Text = Frm_menu.user
            Close()
        Else
            MsgBox("Maaf Login anda belum berhasil..", MsgBoxStyle.Information,
"Gagal!")
            tb_id.Clear()
            tb_username.Clear()
            tb_id.Focus()
        End If
    End If
End Sub
Sub toko()
    Frm_menu.LOGINToolStripMenuItem.Enabled = False
    Frm_menu.LOGOUTToolStripMenuItem.Enabled = True
    Frm_Menu.MASTERToolStripMenuItem.Enabled = True
    Frm_menu.BARANGToolStripMenuItem.Visible = False
    Frm_Menu.TOKOToolStripMenuItem.Visible = False
    Frm_Menu.SupplierToolStripMenuItem.Visible = False
    Frm_menu.TRANSAKSIToolStripMenuItem.Enabled = True
    Frm_Menu.TRANSAKSIToolStripMenuItem.Enabled = True
    Frm_Menu.PembelianToolStripMenuItem.Visible = False
    Frm_Menu.ReturPembelianToolStripMenuItem.Visible = False
    Frm_Menu.RETURPEMBELIANToolStripMenuItem1.Visible = False
    Frm_Menu.PEMBELIANToolStripMenuItem1.Visible = False
    Frm_Menu.LAPORANToolStripMenuItem.Enabled = True

End Sub
Sub admin()
    Frm_menu.MASTERToolStripMenuItem.Enabled = True
    Frm_menu.BARANGToolStripMenuItem.Visible = True
    Frm_Menu.TOKOToolStripMenuItem.Visible = True
    Frm_Menu.PembelianToolStripMenuItem.Visible = True
    Frm_Menu.ReturPembelianToolStripMenuItem.Visible = True
    Frm_Menu.RETURPEMBELIANToolStripMenuItem1.Visible = True
    Frm_Menu.PEMBELIANToolStripMenuItem1.Visible = True
    Frm_Menu.SupplierToolStripMenuItem.Visible = True
    Frm_menu.TRANSAKSIToolStripMenuItem.Enabled = True
    Frm_menu.LAPORANToolStripMenuItem.Enabled = True

End Sub

Private Sub tb_id_KeyDown(ByVal sender As Object, ByVal e As
System.Windows.Forms.KeyEventArgs) Handles tb_id.KeyDown
    If e.KeyCode = Keys.Return Then
        SendKeys.Send("{TAB}")
        e.SuppressKeyPress = True
    End If
End Sub

```

```

End Sub
Private Sub tb_username_KeyDown(ByVal sender As Object, ByVal e As
System.Windows.Forms.KeyEventArgs) Handles tb_username.KeyDown
    If e.KeyCode = Keys.Return Then
        login()
    End If
End Sub

Private Sub Frm_Login_Load(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles MyBase.Load
    tb_id.Clear()
    tb_username.Clear()
    tb_id.Focus()
End Sub

Private Sub Btn_login_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles btn_login.Click
    login()
End Sub
End Class

```

- **Program Form Barang**

```

Imports System.Data.SqlClient

Public Class Frm_Barang
    Sub tampil_Barang()
        Dim adapter As New SqlDataAdapter("Select * from T_Barang",
Module1.koneksi)
        Dim dt As New DataTable("T_Barang")
        adapter.Fill(dt)
        dg_barang.DataSource = dt
    End Sub
    Sub bersih()

        tb_namabarang.Clear()
        tb_stock.Clear()
        tb_harga.Clear()
    End Sub

    Sub kunci()

        tb_namabarang.Enabled = False
        tb_stock.Enabled = False
        tb_harga.Enabled = False

    End Sub
    Sub buka_kunci()

        tb_namabarang.Enabled = True
        tb_stock.Enabled = True
        tb_harga.Enabled = True

    End Sub
    Sub aktif_button()

```

```

    btn_baru.Enabled = True
    btn_simpan.Enabled = False
    btn_batal.Enabled = False
    btn_edit.Enabled = False
    btn_hapus.Enabled = False
End Sub

```

```

Sub non_aktif_button()
    btn_baru.Enabled = False
    btn_simpan.Enabled = True
    btn_batal.Enabled = True
    btn_edit.Enabled = False
    btn_hapus.Enabled = False
End Sub

```

```

Private Sub btn_simpan_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles btn_simpan.Click
    Dim sql As String

```

```

        sql = "exec sp_simpan_Barang " & tb_namabarang.Text & ", " &
tb_stock.Text & ", " & tb_harga.Text & ""
        Dim cmd As New SqlCommand(sql, Module1.koneksi)
        cmd.ExecuteNonQuery()
        Module1.koneksi.Close()
        MsgBox("Data telah di simpan")
        tampil_Barang()
        bersih()
        aktif_button()
        kunci()
End Sub

```

```

Private Sub Frm_Barang_Load(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles MyBase.Load

```

```

    tampil_Barang()
    bersih()
    kunci()
    aktif_button()
End Sub

```

```

Private Sub btn_baru_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles btn_baru.Click
    buka_kunci()
    tb_namabarang.Focus()
    non_aktif_button()
End Sub

```

```

Private Sub btn_batal_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles btn_batal.Click
    If MsgBox("anda yakin akan membatalkan proses", vbYesNo) = vbYes Then
        bersih()
        aktif_button()
        kunci()
    Else
        btn_batal.Focus()
    End If
End Sub

```

```
End If
End Sub
```

```
Private Sub btn_edit_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles btn_edit.Click
    Dim sql As String
    sql = "update T_Barang set Nama_Barang= " & tb_namabarang.Text & ",
Stock=" & tb_stock.Text & ", Harga=" & tb_harga.Text & " where
Kode_Barang=" & tb_kodebarang.Text & ""
    Dim cmd As New SqlCommand(sql, Module1.koneksi)
    cmd.ExecuteNonQuery()
    Module1.koneksi.Close()
    MsgBox("Data Telah Di Ubah")
    tampil_Barang()
    bersih()
    aktif_button()
    kunci()
End Sub
```

```
Private Sub btn_hapus_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles btn_hapus.Click
    Dim sql As String
    sql = "exec sp_Hapus_Barang " & tb_kodebarang.Text & ""
    Dim cmd As New SqlCommand(sql, Module1.koneksi)
    cmd.ExecuteNonQuery()
    Module1.koneksi.Close()
    MsgBox("Data telah di Hapus")
    tampil_Barang()
    bersih()
End Sub
```

```
Private Sub dg_barang_Click(ByVal sender As Object, ByVal e As
System.EventArgs) Handles dg_barang.Click
    buka_kunci()
    tb_namabarang.Focus()
    tb_kodebarang.Text = dg_barang.Item(0,
dg_barang.CurrentRow.Index).Value.ToString
    tb_namabarang.Text = dg_barang.Item(1,
dg_barang.CurrentRow.Index).Value.ToString
    tb_stock.Text = dg_barang.Item(2,
dg_barang.CurrentRow.Index).Value.ToString
    tb_harga.Text = dg_barang.Item(3,
dg_barang.CurrentRow.Index).Value.ToString
    aktif_button()
    btn_baru.Enabled = False
    btn_edit.Enabled = True
    btn_batal.Enabled = True
    btn_hapus.Enabled = True
End Sub
```

```
Private Sub tb_cari_TextChanged(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles tb_cari.TextChanged
```

```

        Dim adapter As New SqlDataAdapter("Select *from T_Barang where
Nama_Barang like '" & tb_cari.Text & "%'", Module1.koneksi)
        Dim dt As New DataTable("T_Barang")
        adapter.Fill(dt)
        dg_barang.DataSource = dt
    End Sub

End Class

```

- **Program Form Customer**

```

Imports System.Data.SqlClient
Public Class Frm_Customer

```

```

    Sub tampil_Customer()

```

```

        Dim adapter As New SqlDataAdapter("Select *from T_Customer", Module1.koneksi)
        Dim dt As New DataTable("T_Customer")
        adapter.Fill(dt)
        dg_customer.DataSource = dt
    End Sub

```

```

    Sub bersih()
        tb_nama.Clear()
        tb_alamat.Clear()
        tb_tlpn.Clear()
        tb_kodecustomer.Clear()
    End Sub

```

```

    Sub kunci()
        tb_nama.Enabled = False
        tb_alamat.Enabled = False
        tb_tlpn.Enabled = False
    End Sub

```

```

    Sub buka_kunci()
        tb_nama.Enabled = True
        tb_alamat.Enabled = True
        tb_tlpn.Enabled = True
    End Sub

```

```

    Sub aktif_button()
        btn_baru.Enabled = True
        btn_simpan.Enabled = False
        btn_hapus.Enabled = False
        btn_edit.Enabled = False
        btn_batal.Enabled = False
    End Sub

```

```

    Sub Non_aktif_button()
        btn_baru.Enabled = False
        btn_simpan.Enabled = True
        btn_hapus.Enabled = True
        btn_edit.Enabled = True
    End Sub

```



```

        btn_batal.Enabled = True
    End Sub

    Private Sub Frm_Customer_Load(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles MyBase.Load
        'MdiParent = Frm_menu
        tampil_Customer()
        bersih()
        kunci()
        aktif_button()
    End Sub

    Private Sub btn_baru_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles btn_baru.Click
        buka_kunci()
        tb_nama.Focus()
        Non_aktif_button()
    End Sub

    Private Sub btn_simpan_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles btn_simpan.Click
        ' On Error Resume Next
        Dim sql As String
        sql = "exec sp_simpan_Customer " & tb_nama.Text & ", " & tb_alamat.Text & ", " &
tb_tlpn.Text & ""
        Dim cmd As New SqlCommand(sql, Module1.koneksi)
        cmd.ExecuteNonQuery()
        Module1.koneksi.Close()
        MsgBox("Data Telah Di Simpan")
        tampil_Customer()
        bersih()
        aktif_button()
    End Sub

    Private Sub btn_batal_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles btn_batal.Click
        If MsgBox("anda yakin akan membatalkan proses", vbYesNo) = vbYes Then
            bersih()
            aktif_button()
        Else
            btn_batal.Focus()
        End If
    End Sub

    Private Sub btn_edit_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles btn_edit.Click
        Dim sql As String
        sql = "update T_customer set Nama= " & tb_nama.Text & ", Alamat=" &
tb_alamat.Text & ", Tlpn=" & tb_tlpn.Text & " where Kode_Customer=" &
tb_kodecustomer.Text & ""
        Dim cmd As New SqlCommand(sql, Module1.koneksi)
        cmd.ExecuteNonQuery()
        Module1.koneksi.Close()
        MsgBox("Data Telah Di Ubah")
        tampil_Customer()
    End Sub

```

```
bersih()
aktif_button()
End Sub
```

```
Private Sub btn_hapus_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles btn_hapus.Click
```

```
Dim sql As String
sql = "exec sp_Hapus_Customer " & tb_kodecustomer.Text & ""
Dim cmd As New SqlCommand(sql, Module1.koneksi)
cmd.ExecuteNonQuery()
Module1.koneksi.Close()
MsgBox("Data telah di Hapus")
tampil_Customer()
bersih()
aktif_button()
End Sub
```

```
Private Sub tb_cari_TextChanged(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles tb_cari.TextChanged
Dim adapter As New SqlDataAdapter("Select * from T_Customer where Nama like "
& tb_cari.Text & "%' ", Module1.koneksi)
Dim dt As New DataTable("T_Customer")
adapter.Fill(dt)
dg_customer.DataSource = dt
End Sub
```

```
Private Sub dg_customer_Click(ByVal sender As Object, ByVal e As
System.EventArgs) Handles dg_customer.Click
buka_kunci()
tb_nama.Focus()
Non_aktif_button()
btn_simpan.Enabled = False
tb_kodecustomer.Text = dg_customer.Item(0,
dg_customer.CurrentRow.Index).Value.ToString
tb_nama.Text = dg_customer.Item(1,
dg_customer.CurrentRow.Index).Value.ToString
tb_alamat.Text = dg_customer.Item(2,
dg_customer.CurrentRow.Index).Value.ToString
tb_tlpn.Text = dg_customer.Item(3, dg_customer.CurrentRow.Index).Value.ToString
End Sub
End Class
```

- **Program Form Toko**

```
Imports System.Data.SqlClient
Public Class Frm_Toko
Sub tampil_Toko()
Dim adapter As New SqlDataAdapter("Select *from T_Toko", Module1.koneksi)
Dim dt As New DataTable("T_Toko")
adapter.Fill(dt)
dg_toko.DataSource = dt
End Sub
Sub bersih()
```

```

    tb_kodetoko.Clear()
    tb_namatoko.Clear()
    tb_cari.Clear()
    cb_hakakses.Text = ""
End Sub

Sub kunci()
    tb_kodetoko.Enabled = False
    tb_namatoko.Enabled = False
    tb_cari.Enabled = True
    cb_hakakses.Enabled = False
End Sub

Sub buka_kunci()
    tb_kodetoko.Enabled = True
    tb_namatoko.Enabled = True
    tb_cari.Enabled = True
    cb_hakakses.Enabled = True
End Sub

Sub aktif_button()
    btn_baru.Enabled = True
    btn_simpan.Enabled = False
    btn_batal.Enabled = False
    btn_edit.Enabled = False
    btn_hapus.Enabled = False
End Sub

Sub Non_aktif_button()
    btn_baru.Enabled = False
    btn_simpan.Enabled = True
    btn_batal.Enabled = True
    btn_edit.Enabled = True
    btn_hapus.Enabled = True
End Sub

Private Sub Frm_Toko_Load(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles MyBase.Load
    tampil_Toko()
    bersih()
    kunci()
    aktif_button()

End Sub

Private Sub btn_baru_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles btn_baru.Click
    buka_kunci()
    tb_kodetoko.Focus()
    Non_aktif_button()
End Sub

Private Sub btn_simpan_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles btn_simpan.Click
    'On Error Resume Next
    Dim sql As String
    sql = "exec sp_simpan_Toko " & tb_kodetoko.Text & "," & tb_namatoko.Text & ","
& cb_hakakses.Text & ""

```

```

Dim cmd As New SqlCommand(sql, Module1.koneksi)
cmd.ExecuteNonQuery()
Module1.koneksi.Close()
MsgBox("Data telah di simpan")
bersih()
aktif_button()
tampil_Toko()
End Sub

Private Sub btn_batal_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles btn_batal.Click
If MsgBox("Anda Yakin Akan Membatalkan Proses", vbYesNo) = vbYes Then
bersih()
aktif_button()
kunci()
Else
btn_batal.Focus()
End If
End Sub

Private Sub btn_edit_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles btn_edit.Click
Dim sql As String
sql = "update T_Toko set Nama_Toko= " & tb_namatoko.Text & ",Hak_Akses= " &
cb_hakakses.Text & " where Kode_Toko=" & tb_kodetoko.Text & ""
Dim cmd As New SqlCommand(sql, Module1.koneksi)
cmd.ExecuteNonQuery()
Module1.koneksi.Close()
MsgBox("Data Telah Di Ubah")
tampil_Toko()
bersih()
aktif_button()
End Sub

Private Sub btn_hapus_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles btn_hapus.Click
Dim sql As String
sql = "exec sp_Hapus_Toko " & tb_kodetoko.Text & ""
Dim cmd As New SqlCommand(sql, Module1.koneksi)
cmd.ExecuteNonQuery()
Module1.koneksi.Close()
MsgBox("Data Telah Di Hapus")
tampil_Toko()
bersih()
aktif_button()
End Sub

Private Sub dg_toko_Click(ByVal sender As Object, ByVal e As System.EventArgs)
Handles dg_toko.Click
buka_kunci()
tb_kodetoko.Focus()
Non_aktif_button()
btn_simpan.Enabled = False
tb_kodetoko.Text = dg_toko.Item(0, dg_toko.CurrentRow.Index).Value.ToString
tb_namatoko.Text = dg_toko.Item(1, dg_toko.CurrentRow.Index).Value.ToString

```

```
cb_hakakses.Text = dg_toko.Item(2, dg_toko.CurrentRow.Index).Value.ToString  
End Sub
```

```
Private Sub tb_cari_TextChanged(ByVal sender As System.Object, ByVal e As  
System.EventArgs) Handles tb_cari.TextChanged  
    Dim adapter As New SqlDataAdapter("Select * from T_Toko where Nama_Toko like  
" & tb_cari.Text & "%' ", Module1.koneksi)  
    Dim dt As New DataTable("T_Toko")  
    adapter.Fill(dt)  
    dg_toko.DataSource = dt  
End Sub  
End Class
```

- **Program Form Supplier**

```
Imports System.Data.SqlClient
```

```
Public Class Frm_Sup
```

```
Private Sub Frm_Sup_Load(ByVal sender As System.Object, ByVal e As  
System.EventArgs) Handles MyBase.Load
```

```
    tampil_sup()  
    bersih()  
    kunci()  
    aktif_button()
```

```
End Sub
```

```
Sub tampil_Sup()  
    Dim adapter As New SqlDataAdapter("Select *from T_Sup", Module1.koneksi)  
    Dim dt As New DataTable("T_Sup")  
    adapter.Fill(dt)  
    dg_sup.DataSource = dt  
End Sub
```

```
Sub bersih()  
    tb_nama.Clear()  
    tb_alamat.Clear()  
    tb_tlpn.Clear()  
    tb_kodesup.Clear()  
End Sub
```

```
Sub kunci()  
    tb_nama.Enabled = False  
    tb_alamat.Enabled = False  
    tb_tlpn.Enabled = False
```

```
End Sub
```

```
Sub buka_kunci()  
    tb_nama.Enabled = True  
    tb_alamat.Enabled = True  
    tb_tlpn.Enabled = True
```

```

End Sub
Sub aktif_button()
    btn_baru.Enabled = True
    btn_simpan.Enabled = False
    btn_hapus.Enabled = False
    btn_edit.Enabled = False
    btn_batal.Enabled = False
End Sub
Sub Non_aktif_button()
    btn_baru.Enabled = False
    btn_simpan.Enabled = True
    btn_hapus.Enabled = True
    btn_edit.Enabled = True
    btn_batal.Enabled = True
End Sub

Private Sub btn_simpan_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles btn_simpan.Click
    ' On Error Resume Next
    Dim sql As String
    sql = "exec sp_simpan_Sup " & tb_nama.Text & ", " & tb_alamat.Text & ", " &
tb_tlpn.Text & ""
    Dim cmd As New SqlCommand(sql, Module1.koneksi)
    cmd.ExecuteNonQuery()
    Module1.koneksi.Close()
    MsgBox("Data Telah Di Simpan")
    tampil_sup()
    bersih()
    aktif_button()
End Sub

Private Sub btn_baru_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles btn_baru.Click
    buka_kunci()
    tb_nama.Focus()
    Non_aktif_button()
End Sub

Private Sub btn_batal_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles btn_batal.Click
    If MsgBox("anda yakin akan membatalkan proses", vbYesNo) = vbYes Then
        bersih()
        aktif_button()
    Else
        btn_batal.Focus()
    End If
End Sub

Private Sub btn_edit_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles btn_edit.Click
    Dim sql As String
    sql = "update T_Sup set Nama= " & tb_nama.Text & ", Alamat=" & tb_alamat.Text
& ", Tlpn=" & tb_tlpn.Text & " where Kode_sup=" & tb_kodesup.Text & ""
    Dim cmd As New SqlCommand(sql, Module1.koneksi)

```

```

cmd.ExecuteNonQuery()
Module1.koneksi.Close()
MsgBox("Data Telah Di Ubah")
tampil_sup()
bersih()
aktif_button()
End Sub

```

```

Private Sub btn_hapus_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles btn_hapus.Click
Dim sql As String
sql = "exec sp_Hapus_Sup " & tb_kodesup.Text & """"
Dim cmd As New SqlCommand(sql, Module1.koneksi)
cmd.ExecuteNonQuery()
Module1.koneksi.Close()
MsgBox("Data telah di Hapus")
tampil_sup()
bersih()
aktif_button()
End Sub

```

```

Private Sub tb_cari_TextChanged(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles tb_cari.TextChanged
Dim adapter As New SqlDataAdapter("Select * from T_Sup where Nama like " &
tb_cari.Text & "%' ", Module1.koneksi)
Dim dt As New DataTable("T_sup")
adapter.Fill(dt)
dg_sup.DataSource = dt
End Sub

```

```

Private Sub dg_sup_Click(ByVal sender As Object, ByVal e As System.EventArgs)
Handles dg_sup.Click
buka_kunci()
tb_nama.Focus()
tb_kodesup.Text = dg_sup.Item(0, dg_sup.CurrentRow.Index).Value.ToString
tb_nama.Text = dg_sup.Item(1, dg_sup.CurrentRow.Index).Value.ToString
tb_alamat.Text = dg_sup.Item(2, dg_sup.CurrentRow.Index).Value.ToString
tb_tlpn.Text = dg_sup.Item(3, dg_sup.CurrentRow.Index).Value.ToString
aktif_button()
btn_baru.Enabled = False
btn_edit.Enabled = True
btn_batal.Enabled = True
btn_hapus.Enabled = True
End Sub
End Class

```

- **Program Form Transaksi Penjualan**

```
Imports System.Data.SqlClient
```

```
Public Class Frm_Transaksi
```

```
Sub tampil_Barang()
```

```
Dim adapter As New SqlDataAdapter("Select *from T_Barang", Module1.koneksi)
```

```
Dim dt As New DataTable("T_Barang")
```

```
adapter.Fill(dt)
```

```
dg_barang.DataSource = dt
```

```
End Sub
```

```
Sub tampil_Customer()
```

```
Dim adapter As New SqlDataAdapter("Select *from T_Customer", Module1.koneksi)
```

```
Dim dt As New DataTable("T_Customer")
```

```
adapter.Fill(dt)
```

```
dg_customer.DataSource = dt
```

```
End Sub
```

```
Sub aktif()
```

```
btn_baru.Enabled = True
```

```
btn_jual.Enabled = False
```

```
btn_batal.Enabled = False
```

```
btn_add.Enabled = False
```

```
btn_hapus.Enabled = False
```

```
End Sub
```

```
Sub non_aktif()
```

```
btn_baru.Enabled = False
```

```
btn_jual.Enabled = False
```

```
btn_batal.Enabled = True
```

```
btn_add.Enabled = True
```

```
btn_hapus.Enabled = True
```

```
End Sub
```

```
Sub hitung_total()
```

```
Dim a As Integer
```

```
a = Val(tb_jumlah.Text) * Val(tb_harga.Text)
```

```
tb_total.Text = a
```

```
End Sub
```

```
Sub total()
```

```
Dim a As Integer
```

```
a = Val(tb_total.Text) + Val(tb_totalbayar.Text)
```

```
tb_totalbayar.Text = a
```

```
End Sub
```

```
Sub add()
```

```
dg_tbarang.Columns(0).Name = tb_kodebarang.Text
```

```
dg_tbarang.Columns(1).Name = tb_namabarang.Text
```

```
dg_tbarang.Columns(2).Name = tb_harga.Text
```

```
dg_tbarang.Columns(3).Name = tb_jumlah.Text
```

```
dg_tbarang.Columns(4).Name = tb_total.Text
```

```
Dim row As String() = New String() {tb_kodebarang.Text, tb_namabarang.Text,  
tb_harga.Text, tb_jumlah.Text, tb_total.Text}
```

```
dg_tbarang.Rows.Add(row)
```



```

End Sub
Sub dtgrd_in_to_detail()
    Dim txt1, txt4, txt5 As String

    Dim a, b
    b = dg_tbarang.RowCount
    b = b - 2
    For a = 0 To b Step 1
        txt1 = dg_tbarang.Item(0, a).Value.ToString
        txt4 = dg_tbarang.Item(3, a).Value.ToString
        txt5 = dg_tbarang.Item(4, a).Value.ToString
        Dim sql As String
        sql = "exec Sp_Simpan_Detail_transaksi " & tb_nofaktur.Text & ", " & txt1 & ", "
& txt4 & ", " & txt5 & ""
        Dim cmd As New SqlCommand(sql, Module1.koneksi)
        cmd.ExecuteNonQuery()
    Next a
End Sub

Sub bersih()
    tb_kodecustomer.Clear()
    tb_nama.Clear()
    tb_alamat.Clear()
    tb_tlpn.Clear()
    tb_kodebarang.Clear()
    tb_namabarang.Clear()
    tb_harga.Clear()
    tb_jumlah.Clear()
    tb_tanggal.Clear()
    TextBox10.Clear()
    tb_cari.Clear()
    tb_totalbayar.Clear()
    tb_nofaktur.Clear()
    tb_total.Clear()
    dg_tbarang.Rows.Clear()
    dg_barang.DataSource = ""
    dg_customer.DataSource = ""
End Sub

Sub coba()
    Dim sql As String
    Dim red As SqlDataReader
    Dim cmd As SqlCommand
    sql = "select No_Faktur from T_Head_Transaksi WHERE (No_Faktur =(SELECT
MAX(No_Faktur)FROM T_Head_Transaksi))"
    Try
        cmd = New SqlCommand(sql, Module1.koneksi)
        red = cmd.ExecuteReader
        While red.Read
            tb_nofaktur.Text = red.Item(0)

        End While
        cmd.Dispose()
        red.Close()
    Catch ex As Exception
        MsgBox(ex.Message)
    End Sub

```

```

End Try
End Sub

Private Sub Frm_Transaksi_Load(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles MyBase.Load
    aktif()
    tb_kodetoko.Text = Frm_Menu.Label2.Text
End Sub

Private Sub dg_barang_DoubleClick(ByVal sender As Object, ByVal e As
System.EventArgs) Handles dg_barang.DoubleClick
    tb_kodebarang.Text = dg_barang.Item(0,
dg_barang.CurrentRow.Index).Value.ToString
    tb_namabarang.Text = dg_barang.Item(1,
dg_barang.CurrentRow.Index).Value.ToString
    tb_harga.Text = dg_barang.Item(3, dg_barang.CurrentRow.Index).Value.ToString
    tb_stock.Text = dg_barang.Item(2, dg_barang.CurrentRow.Index).Value.ToString
    tb_jumlah.Focus()
End Sub

Private Sub dg_customer_DoubleClick(ByVal sender As Object, ByVal e As
System.EventArgs) Handles dg_customer.DoubleClick
    tb_kodecustomer.Text = dg_customer.Item(0,
dg_customer.CurrentRow.Index).Value.ToString
    tb_nama.Text = dg_customer.Item(1,
dg_customer.CurrentRow.Index).Value.ToString
    tb_alamat.Text = dg_customer.Item(2,
dg_customer.CurrentRow.Index).Value.ToString
    tb_tlpn.Text = dg_customer.Item(3, dg_customer.CurrentRow.Index).Value.ToString
    tampil_Barang()
End Sub

Private Sub btn_jual_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles btn_jual.Click
    Try
        If tb_tanggal.Text = "" Or dg_tbarang.RowCount = 0 Then
            MsgBox("Mohon lengkapi data", MsgBoxStyle.Information, "Information")
        Else
            Dim sql As String
            sql = "exec sp_simpan_Head_Transaksi " & tb_nofaktur.Text & "," &
tb_kodecustomer.Text & "," & tb_kodetoko.Text & "," & tb_tanggal.Text & "," &
tb_totalbayar.Text & ""
            Dim cmd As New SqlCommand(sql, Module1.koneksi)
            cmd.ExecuteNonQuery()
            Module1.koneksi.Close()
            coba()
            dtgrd_in_to_detail()
            MsgBox("data telah disimpan", MsgBoxStyle.Information, "Information")

            aktif()
            bersih()
        End If
    Catch ex As Exception
        MsgBox(ex.Message)
    End Try
    frm_faktur.Show()

```

End Sub

```
Private Sub btn_batal_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btn_batal.Click
    bersih()
    aktif()
End Sub
```

```
Private Sub btn_baru_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btn_baru.Click
    non_aktif()
    tampil_Customer()
    tb_tanggal.Text = Format(Now, "yyyy-MM-dd")
    no_transaksi()
End Sub
```

```
Private Sub btn_add_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btn_add.Click
    hitung_total()
    total()
    add()
    btn_jual.Enabled = True
    tb_kodebarang.Clear()
    tb_namabarang.Clear()
    tb_harga.Clear()
    tb_jumlah.Clear()
    tb_total.Clear()
    tb_stock.Clear()
End Sub
```

```
Private Sub tb_cari_TextChanged(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles tb_cari.TextChanged
    Dim adapter As New SqlDataAdapter("Select *from T_Barang where Nama_Barang like '" & tb_cari.Text & "%'", Module1.koneksi)
    Dim dt As New DataTable("T_Barang")
    adapter.Fill(dt)
    dg_barang.DataSource = dt
End Sub
```

```
Private Sub btn_hapus_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btn_hapus.Click
    If Not dg_tbarang.CurrentRow.IsNewRow Then
        dg_tbarang.Rows.Remove(dg_tbarang.CurrentRow)
    End If
    tb_totalbayar.Clear()
End Sub
Sub no_transaksi()
    Dim sql As String
    Dim tmp As String
    Dim str As String
    Dim red As SqlDataReader
    sql = "select * from T_Head_transaksi order by [No_Faktur] desc"
    Dim com As New SqlCommand(sql, Module1.koneksi)
    red = com.ExecuteReader
    com.Dispose()
End Sub
```

```

    If red.Read Then
        tmp = Mid(red.Item(0), 6, 4)
    Else
        tmp = "TRN0001"
    End If
    str = Val(tmp) + 1
    tb_nofaktur.Text = "TRN" & Mid("0000", 1, 4 - str.Length) & str
    Module1.koneksi.Close()
End Sub
End Class

```

- **Program Form Transaksi Pembelian**

```

Imports System.Data.SqlClient
Public Class Frm_Pembelian

```

```

    Private Sub btn_baru_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles btn_baru.Click
        non_aktif()
        tampil_sup()
        tb_tanggal.Text = Format(Now, "yyyy-MM-dd")
    End Sub

```

```

    Sub tampil_sup()
        Dim adapter As New SqlDataAdapter("Select *from T_Sup", Module1.koneksi)
        Dim dt As New DataTable("T_sup")
        adapter.Fill(dt)
        dg_sup.DataSource = dt
    End Sub

```

```

    Private Sub Frm_Pembelian_Load(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles MyBase.Load
        aktif()
    End Sub

```

```

    Private Sub dgbarang_DoubleClick(ByVal sender As Object, ByVal e As
System.EventArgs) Handles dg_barang.DoubleClick
        tb_kodebarang.Text = dg_barang.Item(0,
dg_barang.CurrentRow.Index).Value.ToString
        tb_namabarang.Text = dg_barang.Item(1,
dg_barang.CurrentRow.Index).Value.ToString
        tb_harga.Text = dg_barang.Item(3, dg_barang.CurrentRow.Index).Value.ToString
        tb_stock.Text = dg_barang.Item(2, dg_barang.CurrentRow.Index).Value.ToString
        tb_jumlah.Focus()
    End Sub
    Sub aktif()
        btn_baru.Enabled = True
        btn_beli.Enabled = False
        btn_batal.Enabled = False
        btn_add.Enabled = False
        btn_hapus.Enabled = False
    End Sub

```

```

Sub non_aktif()
    btn_baru.Enabled = False
    btn_beli.Enabled = False
    btn_batal.Enabled = True
    btn_add.Enabled = True
    btn_hapus.Enabled = True
End Sub

```

```

Private Sub dg_sup_DoubleClick(ByVal sender As Object, ByVal e As
System.EventArgs) Handles dg_sup.DoubleClick
    tb_kodesup.Text = dg_sup.Item(0, dg_sup.CurrentRow.Index).Value.ToString
    tb_nama.Text = dg_sup.Item(1, dg_sup.CurrentRow.Index).Value.ToString
    tb_alamat.Text = dg_sup.Item(2, dg_sup.CurrentRow.Index).Value.ToString
    tb_tlpn.Text = dg_sup.Item(3, dg_sup.CurrentRow.Index).Value.ToString
    tampil_Barang()
End Sub

```

```

Sub tampil_Barang()
    Dim adapter As New SqlDataAdapter("Select *from T_Barang", Module1.koneksi)
    Dim dt As New DataTable("T_Barang")
    adapter.Fill(dt)
    dg_barang.DataSource = dt
End Sub

```

```

Private Sub btn_add_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles btn_add.Click
    On Error Resume Next
    hitung_total()
    total()
    add()
    btn_beli.Enabled = True
    tb_kodebarang.Clear()
    tb_namabarang.Clear()
    tb_harga.Clear()
    tb_jumlah.Clear()
    tb_total.Clear()
    tb_stock.Clear()

```

```
End Sub
```

```

Sub hitung_total()
    Dim a As Integer
    a = Val(tb_jumlah.Text) * Val(tb_harga.Text)
    tb_total.Text = a
End Sub

```

```

Sub total()
    Dim a As Integer
    a = Val(tb_total.Text) + Val(tb_totalbayar.Text)
    tb_totalbayar.Text = a
End Sub

```

```
Sub add()
```

```

dg_tbarang.Columns(0).Name = tb_kodebarang.Text
dg_tbarang.Columns(1).Name = tb_namabarang.Text
dg_tbarang.Columns(2).Name = tb_harga.Text
dg_tbarang.Columns(3).Name = tb_jumlah.Text
dg_tbarang.Columns(4).Name = tb_total.Text

Dim row As String() = New String() {tb_kodebarang.Text, tb_namabarang.Text,
tb_harga.Text, tb_jumlah.Text, tb_total.Text}
dg_tbarang.Rows.Add(row)
End Sub
Sub dtgrd_in_to_detail()
Dim txt1, txt4, txt5 As String

Dim a, b
b = dg_tbarang.RowCount
b = b - 2
For a = 0 To b Step 1
txt1 = dg_tbarang.Item(0, a).Value.ToString
txt4 = dg_tbarang.Item(3, a).Value.ToString
txt5 = dg_tbarang.Item(4, a).Value.ToString
Dim sql As String
sql = "exec Sp_Simpan_Det_Pem " & tb_nofaktur.Text & ", " & txt1 & ", " & txt4
& ", " & txt5 & ""
Dim cmd As New SqlCommand(sql, Module1.koneksi)
cmd.ExecuteNonQuery()
Next a
End Sub

Sub bersih()
tb_kodesup.Clear()
tb_nama.Clear()
tb_alamat.Clear()
tb_tlpn.Clear()
tb_kodebarang.Clear()
tb_namabarang.Clear()
tb_harga.Clear()
tb_jumlah.Clear()
tb_tanggal.Clear()
TextBox10.Clear()
tb_cari.Clear()
tb_totalbayar.Clear()
tb_nofaktur.Clear()
tb_total.Clear()
dg_tbarang.Rows.Clear()
dg_barang.DataSource = ""
dg_sup.DataSource = ""
End Sub

Private Sub btn_batal_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles btn_batal.Click
bersih()
aktif()
End Sub

```

```

Private Sub btn_beli_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles btn_beli.Click
    Try
        If tb_tanggal.Text = "" Or dg_tbarang.RowCount = 0 Then
            MsgBox("Mohon lengkapi data", MsgBoxStyle.Information, "Information")
        Else
            Dim sql As String
            sql = "exec sp_simpan_Head_Pem " & tb_kodesup.Text & "," &
tb_tanggal.Text & "," & tb_totalbayar.Text & ""
            Dim cmd As New SqlCommand(sql, Module1.koneksi)
            cmd.ExecuteNonQuery()
            Module1.koneksi.Close()
            coba()
            dtgrd_in_to_detail()
            MsgBox("data telah disimpan", MsgBoxStyle.Information, "Information")

            aktif()
            bersih()
        End If
    Catch ex As Exception
        MsgBox(ex.Message)
    End Try
End Sub

Sub coba()
    Dim sql As String
    Dim red As SqlDataReader
    Dim cmd As SqlCommand
    sql = "select No_Pem from T_Head_Pem WHERE (No_Pem =(SELECT
MAX(No_Pem)FROM T_Head_Pem))"

    Try
        cmd = New SqlCommand(sql, Module1.koneksi)
        red = cmd.ExecuteReader
        While red.Read
            tb_nofaktur.Text = red.Item(0)
        End While
        cmd.Dispose()
        red.Close()
    Catch ex As Exception
        MsgBox(ex.Message)
    End Try
End Sub

Private Sub tb_cari_TextChanged(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles tb_cari.TextChanged
    Dim adapter As New SqlDataAdapter("Select *from T_Barang where Nama_Barang
like " & tb_cari.Text & "%", Module1.koneksi)
    Dim dt As New DataTable("T_Barang")
    adapter.Fill(dt)
    dg_barang.DataSource = dt
End Sub

Private Sub btn_hapus_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles btn_hapus.Click

```

```

If Not dg_tbarang.CurrentRow.IsNewRow Then
    dg_tbarang.Rows.Remove(dg_tbarang.CurrentRow)
End If
tb_totalbayar.Clear()
End Sub
End Class

```

- **Program Form Retur Penjualan**

```

Imports System.Data.SqlClient
Public Class Frm_Retur
    Sub aktif()
        tb_nofaktur.Enabled = False
        btn_baru.Enabled = True
        btn_retur.Enabled = False
        btn_batal.Enabled = False
        btn_add.Enabled = False
        btn_tampil.Enabled = False
    End Sub

    Sub non_aktif()
        tb_nofaktur.Enabled = True
        btn_baru.Enabled = False
        btn_retur.Enabled = False
        btn_batal.Enabled = True
        btn_add.Enabled = True
        btn_tampil.Enabled = True
    End Sub

    Sub bersih()
        tb_alamat.Clear()
        tb_harga.Clear()
        tb_jumlah.Clear()
        tb_kodebarang.Clear()
        tb_kodecustomer.Clear()
        tb_kodetoko.Clear()
        tb_nama.Clear()
        tb_namabarang.Clear()
        tb_nofaktur.Clear()
        TextBox10.Clear()
        tb_noretur.Clear()
        tb_stock.Clear()
        tb_tanggal.Clear()
        tb_tlpn.Clear()
        dg_tbarang.Rows.Clear()
        tb_totalbayar.Clear()
        dg_barang.DataSource = ""
    End Sub

    Sub tampil_Barang()
        Dim adapter As New SqlDataAdapter("Select * from View_1 where
No_Faktur= " & tb_nofaktur.Text & "", Module1.koneksi)
        Dim dt As New DataTable("View_1")
        adapter.Fill(dt)
        dg_barang.DataSource = dt
    End Sub
End Class

```



```

End Sub
Sub Tampil_Customer()
Dim sql As String
Dim red As SqlDataReader
Dim cmd As SqlCommand
sql = "Select *from View_2 where No_Faktur=" & tb_nofaktur.Text & ""

Try
cmd = New SqlCommand(sql, Module1.koneksi)
red = cmd.ExecuteReader
While red.Read
tb_kodecustomer.Text = red.Item(1)
tb_nama.Text = red.Item(2)
tb_alamat.Text = red.Item(3)
tb_tlpn.Text = red.Item(4)
End While
cmd.Dispose()
red.Close()
Catch ex As Exception
MsgBox(ex.Message)
End Try
End Sub
Sub coba()
Dim sql As String
Dim red As SqlDataReader
Dim cmd As SqlCommand
sql = "select No_Retur from T_Head_Retur WHERE (No_Retur =(SELECT
MAX(No_Retur)FROM T_Head_Retur))"

Try
cmd = New SqlCommand(sql, Module1.koneksi)
red = cmd.ExecuteReader
While red.Read
tb_noretur.Text = red.Item(0)
End While
cmd.Dispose()
red.Close()
Catch ex As Exception
MsgBox(ex.Message)
End Try
End Sub
Private Sub dg_barang_DoubleClick(ByVal sender As Object, ByVal e As
System.EventArgs) Handles dg_barang.DoubleClick
tb_kodebarang.Text = dg_barang.Item(1,
dg_barang.CurrentRow.Index).Value.ToString
tb_namabarang.Text = dg_barang.Item(3,
dg_barang.CurrentRow.Index).Value.ToString
tb_harga.Text = dg_barang.Item(4,
dg_barang.CurrentRow.Index).Value.ToString
tb_stock.Text = dg_barang.Item(2,
dg_barang.CurrentRow.Index).Value.ToString
tb_jumlah.Focus()
End Sub
Sub add()
dg_tbarang.Columns(0).Name = tb_kodebarang.Text

```

```

dg_tbarang.Columns(1).Name = tb_namabarang.Text
dg_tbarang.Columns(2).Name = tb_harga.Text
dg_tbarang.Columns(3).Name = tb_jumlah.Text
dg_tbarang.Columns(4).Name = tb_total.Text

Dim row As String() = New String() {tb_kodebarang.Text,
tb_namabarang.Text, tb_harga.Text, tb_jumlah.Text, tb_total.Text}
dg_tbarang.Rows.Add(row)
End Sub

Sub hitung_total()
Dim a As Integer
a = Val(tb_harga.Text) * Val(tb_jumlah.Text)
tb_total.Text = a
End Sub

Sub dtgrd_in_to_detail()
Dim txt1, txt4 As String
Dim a, b
b = dg_tbarang.RowCount
b = b - 2
For a = 0 To b Step 1
txt1 = dg_tbarang.Item(0, a).Value.ToString
txt4 = dg_tbarang.Item(3, a).Value.ToString
Dim sql As String
sql = "exec Sp_Simpan_Detail_Retur " & tb_noretur.Text & ", " & txt1 &
", " & txt4 & ", 'Retur'"
Dim cmd As New SqlCommand(Sql, Module1.koneksi)
cmd.ExecuteNonQuery()
Next a
End Sub

Private Sub Frm_Retur_Load(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles MyBase.Load
aktif()
tb_kodetoko.Text = Frm_Menu.Label2.Text
End Sub

Private Sub btn_batal_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles btn_batal.Click
bersih()
aktif()
End Sub

Private Sub btn_retur_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles btn_retur.Click
Try
If tb_tanggal.Text = "" Or dg_tbarang.RowCount = 0 Then
MsgBox("Mohon lengkapi data", MsgBoxStyle.Information,
"Information")
Else
Dim sql As String
sql = "exec sp_simpan_Head_Retur " & tb_nofaktur.Text & ", " &
tb_tanggal.Text & ""
Dim cmd As New SqlCommand(sql, Module1.koneksi)
cmd.ExecuteNonQuery()

```

```

        Module1.koneksi.Close()
        coba()
        dtgrd_in_to_detail()
        MsgBox("data telah disimpan", MsgBoxStyle.Information, "Information")
        aktif()
        bersih()
    End If
Catch ex As Exception
    MsgBox(ex.Message)
End Try
End Sub

Private Sub btn_add_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles btn_add.Click
    Dim a, b As Integer
    a = tb_jumlah.Text
    b = tb_stock.Text
    If a > b Then
        MsgBox("Data Kelebihan")
    Else
        hitung_total()
        total()
        add()
        btn_retur.Enabled = True
        tb_kodebarang.Clear()
        tb_namabarang.Clear()
        tb_harga.Clear()
        tb_jumlah.Clear()
        tb_total.Clear()
    End If

End Sub

Sub total()
    Dim a As Integer
    a = Val(tb_total.Text) + Val(tb_totalbayar.Text)
    tb_totalbayar.Text = a
End Sub

Private Sub btn_baru_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles btn_baru.Click
    non_aktif()
    tb_tanggal.Text = Format(Now, "yyyy-MM-dd")
End Sub

Private Sub btn_tampil_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles btn_tampil.Click
    Tampil_Customer()
    tampil_Barang()
End Sub

Private Sub dg_barang_CellContentClick(ByVal sender As System.Object,
ByVal e As System.Windows.Forms.DataGridViewCellEventArgs) Handles
dg_barang.CellContentClick

```

```
End Sub
```

```
Private Sub Btn_hapus_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Btn_hapus.Click  
    If Not dg_tbarang.CurrentRow.IsNewRow Then  
        dg_tbarang.Rows.Remove(dg_tbarang.CurrentRow)  
    End If  
    tb_totalbayar.Clear()  
End Sub  
End Class
```

- **Program Form Retur Pembelian**

```
Imports System.Data.SqlClient  
Public Class Frm_Retur_Pembelian  
  
    Private Sub Frm_Retur_Pembelian_Load(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles MyBase.Load  
        aktif()  
    End Sub  
  
    Sub aktif()  
        tb_nopem.Enabled = False  
        btn_baru.Enabled = True  
        btn_retur.Enabled = False  
        btn_batal.Enabled = False  
        btn_add.Enabled = False  
        btn_tampil.Enabled = False  
    End Sub  
  
    Sub non_aktif()  
        tb_nopem.Enabled = True  
        btn_baru.Enabled = False  
        btn_retur.Enabled = False  
        btn_batal.Enabled = True  
        btn_add.Enabled = True  
        btn_tampil.Enabled = True  
    End Sub  
  
    Private Sub btn_baru_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btn_baru.Click  
        non_aktif()  
        tb_tanggal.Text = Format(Now, "yyyy-MM-dd")  
    End Sub  
  
    Private Sub btn_batal_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btn_batal.Click  
        bersih()  
        aktif()  
    End Sub  
  
    Sub bersih()  
        tb_alamat.Clear()  
        tb_harga.Clear()  
        tb_jumlah.Clear()  
    End Sub  
End Class
```

```

tb_kodebarang.Clear()
tb_kodesup.Clear()
tb_kodetoko.Clear()
tb_nama.Clear()
tb_namabarang.Clear()
tb_nopem.Clear()
TextBox10.Clear()
tb_noretur.Clear()
tb_jumlah1.Clear()
tb_tanggal.Clear()
tb_tlpn.Clear()
dg_tbarang.Rows.Clear()
tb_totalbayar.Clear()
dg_barang.DataSource = ""
End Sub

```

```

Private Sub btn_tampil_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles btn_tampil.Click
    Tampil_Sup()
    Tampil_Sup2()
    tampil_Barang()
End Sub

```

```

Sub tampil_Barang()
    Dim adapter As New SqlDataAdapter("Select * from View_4 where
No_Pem= " & tb_nopem.Text & "", Module1.koneksi)
    Dim dt As New DataTable("View_4")
    adapter.Fill(dt)
    dg_barang.DataSource = dt
End Sub

```

```

Sub Tampil_Sup()
    Dim sql As String
    Dim red As SqlDataReader
    Dim cmd As SqlCommand
    sql = "Select *from View_3 where No_Pem=" & tb_nopem.Text & ""

    Try
        cmd = New SqlCommand(sql, Module1.koneksi)
        red = cmd.ExecuteReader
        While red.Read
            tb_kodesup.Text = red.Item(1)
        End While
        cmd.Dispose()
        red.Close()
    Catch ex As Exception
        MsgBox(ex.Message)
    End Try
End Sub

```

```

Sub Tampil_Sup2()
    Dim sql As String
    Dim red As SqlDataReader
    Dim cmd As SqlCommand
    sql = "Select *from T_Sup where Kode_Sup=" & tb_kodesup.Text & ""

```

```

Try
cmd = New SqlCommand(sql, Module1.koneksi)
red = cmd.ExecuteReader
While red.Read
tb_nama.Text = red.Item(1)
tb_alamat.Text = red.Item(2)
tb_tlpn.Text = red.Item(3)
End While
cmd.Dispose()
red.Close()
Catch ex As Exception
MsgBox(ex.Message)
End Try
End Sub

```

```

Private Sub dg_barang_DoubleClick(ByVal sender As Object, ByVal e As
System.EventArgs) Handles dg_barang.DoubleClick
tb_kodebarang.Text = dg_barang.Item(1,
dg_barang.CurrentRow.Index).Value.ToString
tb_namabarang.Text = dg_barang.Item(2,
dg_barang.CurrentRow.Index).Value.ToString
tb_harga.Text = dg_barang.Item(4,
dg_barang.CurrentRow.Index).Value.ToString
tb_jumlah1.Text = dg_barang.Item(3,
dg_barang.CurrentRow.Index).Value.ToString
tb_jumlah.Focus()
End Sub

```

```

Private Sub btn_add_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles btn_add.Click
Dim a, b As Integer
a = tb_jumlah.Text
b = tb_jumlah1.Text
If a > b Then
MsgBox("Data Kelebihan")
Else
hitung_total()
total()
add()
btn_retur.Enabled = True
tb_kodebarang.Clear()
tb_namabarang.Clear()
tb_harga.Clear()
tb_jumlah.Clear()
tb_total.Clear()
End If
End Sub

```

```

Sub total()
Dim a As Integer
a = Val(tb_total.Text) + Val(tb_totalbayar.Text)

```

```

        tb_totalbayar.Text = a
    End Sub

    Sub hitung_total()
        Dim a, b, c As Integer
        b = Val(tb_harga.Text)
        c = Val(tb_jumlah.Text)
        a = b * c
        tb_total.Text = a
    End Sub

    Sub add()
        dg_tbarang.Columns(0).Name = tb_kodebarang.Text
        dg_tbarang.Columns(1).Name = tb_namabarang.Text
        dg_tbarang.Columns(2).Name = tb_harga.Text
        dg_tbarang.Columns(3).Name = tb_jumlah.Text
        dg_tbarang.Columns(4).Name = tb_total.Text

        Dim row As String() = New String() {tb_kodebarang.Text,
        tb_namabarang.Text, tb_harga.Text, tb_jumlah.Text, tb_total.Text}
        dg_tbarang.Rows.Add(row)
    End Sub

    Private Sub btn_retur_Click(ByVal sender As System.Object, ByVal e As
    System.EventArgs) Handles btn_retur.Click
        Try
            If tb_tanggal.Text = "" Or dg_tbarang.RowCount = 0 Then
                MsgBox("Mohon lengkapi data", MsgBoxStyle.Information,
                "Information")
            Else
                Dim sql As String
                sql = "exec sp_simpan_Head_retpem " & tb_nopem.Text & ", " &
                tb_tanggal.Text & ""
                Dim cmd As New SqlCommand(sql, Module1.koneksi)
                cmd.ExecuteNonQuery()
                Module1.koneksi.Close()
                coba()
                dtgrd_in_to_detail()
                MsgBox("data telah disimpan", MsgBoxStyle.Information, "Information")
                aktif()
                bersih()
            End If
        Catch ex As Exception
            MsgBox(ex.Message)
        End Try
    End Sub

    Sub dtgrd_in_to_detail()
        Dim txt1, txt4 As String
        Dim a, b
        b = dg_tbarang.RowCount
        b = b - 2
        For a = 0 To b Step 1

```

```

txt1 = dg_tbarang.Item(0, a).Value.ToString
txt4 = dg_tbarang.Item(3, a).Value.ToString
Dim sql As String
sql = "exec Sp_Simpan_Det_retpem " & tb_noretur.Text & ", " & txt1 &
", " & txt4 & ", 'ReturBeli'"
Dim cmd As New SqlCommand(Sql, Module1.koneksi)
cmd.ExecuteNonQuery()
Next a
End Sub

```

```

Sub coba()
Dim sql As String
Dim red As SqlDataReader
Dim cmd As SqlCommand
sql = "select No_ret from T_Head_retpem WHERE (No_ret =(SELECT
MAX(No_ret)FROM T_Head_retpem))"

```

```

Try
cmd = New SqlCommand(sql, Module1.koneksi)
red = cmd.ExecuteReader
While red.Read
tb_noretur.Text = red.Item(0)
End While
cmd.Dispose()
red.Close()
Catch ex As Exception
MsgBox(ex.Message)
End Try
End Sub

```

```

Private Sub Btn_hapus_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles Btn_hapus.Click
If Not dg_tbarang.CurrentRow.IsNewRow Then
dg_tbarang.Rows.Remove(dg_tbarang.CurrentRow)
End If
tb_totalbayar.Clear()
End Sub
End Class

```

- **Program Module1**

```

Imports System.Data.SqlClient
Module Module1
Public Function koneksi() As SqlConnection

Dim kon As SqlConnection
kon = New SqlConnection("Data source= NASA-PC; initial catalog=penjualan;
integrated security=true ")
kon.Open()
Return kon

End Function
End Module

```