

## LAMPIRAN A [LISTING PROGRAM]

### Kode form Menu Utama

```
Private Sub a_Click()  
Anggota.Show  
End Sub
```

```
Private Sub b_Click()  
Buku.Show  
End Sub
```

```
Private Sub c_Click()  
Peminjaman.Show  
End Sub
```

```
Private Sub d_Click()  
Pengembalian.Show  
End Sub
```

```
Private Sub mnabout_Click()  
About.Show  
End Sub
```

```
Private Sub mncetak_Click()  
Cetak_Anggota.Show  
End Sub
```

```
Private Sub mnkel_Click()  
Unload Me  
End Sub
```

```
Private Sub l_click()  
DataReport1.Show  
DataReport1.Refresh  
DataReport1.Top = 0  
DataReport1.Left = 0  
End Sub
```

```
Private Sub y_click()  
DataReport2.Show  
DataReport2.Refresh  
DataReport2.Top = 0  
DataReport2.Left = 0  
End Sub
```

### Kode Form No Anggota

```
Dim db As Database  
Dim rs1 As Recordset  
Const hitam = &H8000000F  
Const putih = vbWhite  
Private Sub tombol(tambah As Boolean, koreksi As Boolean, hapus As  
    Boolean, simpan As Boolean)  
vbButton5.Enabled = tambah  
vbButton4.Enabled = koreksi  
vbButton3.Enabled = hapus  
vbButton2.Enabled = simpan  
End Sub
```

```

Private Sub out()
Unload Me
End Sub

Private Sub simpan()
Dim ket
If Text1.Enabled = True Then
ket = MsgBox("Data Mau Disimpan....?", vbYesNo + vbQuestion,
"Simpan")
If ket = vbYes Then
rs1.AddNew
rs1(0) = Text1.Text
rs1(1) = Text2.Text
rs1(2) = Text3.Text
rs1(3) = Combo1.Text
rs1(4) = tgl.Value
rs1(5) = Combo2.Text
rs1(6) = Combo3.Text
rs1(7) = Text4.Text
rs1.Update
Text1.Enabled = True
Text1.Text = ""
Text1.SetFocus
End If
Else
ket = MsgBox("Data Koreksi Sudah Benar....?", vbYesNo +
vbQuestion, "Edit")
If ket = vbYes Then
rs1.Edit
rs1(0) = Text1.Text
rs1(1) = Text2.Text
rs1(2) = Text3.Text
rs1(3) = Combo1.Text
rs1(4) = tgl.Value
rs1(5) = Combo2.Text
rs1(6) = Combo3.Text
rs1(7) = Text4.Text
rs1.Update
Text1.Enabled = True
Text1.Text = ""
Text1.SetFocus
End If
End If
End Sub

Private Sub non(txt As Boolean, warna)
Text2.Enabled = txt
Text2.BackColor = warna
Text3.Enabled = txt
Text3.BackColor = warna
Combo1.Enabled = txt
Combo1.BackColor = warna
Combo2.Enabled = txt
Combo2.BackColor = warna
Combo3.Enabled = txt
Combo3.BackColor = warna
Text4.Enabled = txt
Text4.BackColor = warna
End Sub

```

```

Private Sub Form_KeyPress(KeyAscii As Integer)
If KeyAscii = 13 Then
SendKeys "{tab}"
End If
End Sub

Private Sub Form_Load()
Set db = OpenDatabase(App.Path & "\pustaka.mdb")
Set rs1 = db.OpenRecordset("anggota")
rs1.Index = "index1"
With Combol
.AddItem "PRIA"
.AddItem "WANITA"
End With
With Combo2
.AddItem "X1"
.AddItem "X2"
.AddItem "X3"
.AddItem "X4"
.AddItem "XI1"
.AddItem "XI2"
.AddItem "XI3"
.AddItem "XI4"
.AddItem "XII1"
.AddItem "XII2"
.AddItem "XII3"
.AddItem "XII4"
End With
With Combo3
.AddItem "IPA"
.AddItem "IPS"
.AddItem "BAHASA"
.AddItem "BELUM KEJURUSAN"
End With
tombol True, False, False, True
non False, hitam
End Sub

Private Sub Text1_Change()
rs1.Seek "=", Text1.Text
If Not rs1.NoMatch Then
Text1.Text = Trim(rs1(0))
Text2.Text = Trim(rs1(1))
Text3.Text = Trim(rs1(2))
Combol.Text = Trim(rs1(3))
tgl.Value = Trim(rs1(4))
Combo2.Text = Trim(rs1(5))
Combo3.Text = Trim(rs1(6))
Text4.Text = Trim(rs1(7))
Else
Text2.Text = ""
Text3.Text = ""
Combol.Text = ""
Combo2.Text = ""
Combo3.Text = ""
Text4.Text = ""
tombol True, True, True, True
If Len(Text1.Text) < 1 Then
non False, hitam

```

```

        Else
            Text2.Text = ""
            Text3.Text = ""
            Combo1.Text = ""
            Combo2.Text = ""
            Combo3.Text = ""
            Text4.Text = ""
        End If
    End If
End Sub

Private Sub koreksi()
    non True, putih
    Text1.Enabled = False
    tombol False, True, False, True
    Text2.SetFocus
End Sub

Private Sub hapus()
    Dim ket
    ket = MsgBox("Yakin Data Dihapus....?", vbYesNo + vbQuestion,
        "Hapus")
    If ket = vbYes Then
        rs1.Delete
        Text1.Enabled = True
        Text1.Text = ""
        Text1.SetFocus
    End If
End Sub

Private Sub vbButton1_Click()
    Dim ket
    ket = MsgBox("Yakin Anda Mau Keluar.....!", vbYesNo + vbQuestion,
        "keluar")
    If ket = vbYes Then
        Unload Me
    End If
End Sub

Private Sub vbButton2_Click()
    If Text1 = "" Or Text2 = "" Or Text3 = "" Or Combo1 = "" Or tgl = ""
        Or Combo2 = "" Or Combo3 = "" Or Text4 = "" Then
        MsgBox "Input Data Yang Benar....!"
    Else
        simpan
    End If
End Sub

Private Sub vbButton3_Click()
    hapus
End Sub

Private Sub vbButton4_Click()
    koreksi
End Sub

Private Sub vbButton5_Click()
    Text1.Text = ""
    Text2.Text = ""
    Text3.Text = ""

```

```

        Combo1.Text = ""
        Combo2.Text = ""
        Combo3.Text = ""
        Text4.Text = ""
        non True, putih
        tombol True, False, True, True
End Sub

```

## Kode Form Menu Data Buku

```

Dim db As Database
Dim rs2 As Recordset
Const hitam = &H8000000F
Const putih = vbWhite
Private Sub tombol(tambah As Boolean, koreksi As Boolean, hapus As
    Boolean, simpan As Boolean)
vbButton5.Enabled = tambah
vbButton4.Enabled = koreksi
vbButton3.Enabled = hapus
vbButton2.Enabled = simpan
End Sub

Private Sub out()
Unload Me
End Sub

Private Sub simpan()
Dim ket
If Text1.Enabled = True Then
ket = MsgBox("Data Buku Mau Disimpan....?", vbYesNo + vbQuestion,
    "Simpan")
If ket = vbYes Then
    rs2.AddNew
    rs2(0) = Text1.Text
    rs2(1) = Text2.Text
    rs2(2) = Combo1.Text
    rs2(3) = Text3.Text
    rs2(4) = Combo2.Text
    rs2(5) = Text4.Text
    rs2(6) = Text5.Text
    rs2(7) = Text6.Text
    rs2(8) = Text7.Text
    rs2(9) = Text8.Text
    rs2.Update
    Text1.Enabled = True
    Text1.Text = ""
    Text1.SetFocus
End If
Else
ket = MsgBox("Data Koreksi Sudah Benar....?", vbYesNo +
    vbQuestion, "Edit")
If ket = vbYes Then
    rs2.Edit
    rs2(0) = Text1.Text
    rs2(1) = Text2.Text
    rs2(2) = Combo1.Text
    rs2(3) = Text3.Text
    rs2(4) = Combo2.Text
    rs2(5) = Text4.Text
    rs2(6) = Text5.Text

```

```

        rs2(7) = Text6.Text
        rs2(8) = Text7.Text
        rs2(9) = Text8.Text
        rs2.Update
    Text1.Enabled = True
    Text1.Text = ""
    Text1.SetFocus
End If
End Sub

Private Sub non(txt As Boolean, warna)
Text2.Enabled = txt
Text2.BackColor = warna
Combo1.Enabled = txt
Combo1.BackColor = warna
Text3.Enabled = txt
Text3.BackColor = warna
Combo2.Enabled = txt
Combo2.BackColor = warna
Text4.Enabled = txt
Text4.BackColor = warna
Text5.Enabled = txt
Text5.BackColor = warna
Text6.Enabled = txt
Text6.BackColor = warna
Text7.Enabled = txt
Text7.BackColor = warna
Text8.Enabled = txt
Text8.BackColor = warna
End Sub

Private Sub Form_KeyPress(KeyAscii As Integer)
If KeyAscii = 13 Then
SendKeys "{tab}"
End If
End Sub

Private Sub Form_Load()
Set db = OpenDatabase(App.Path & "\pustaka.mdb")
Set rs2 = db.OpenRecordset("buku")
rs2.Index = "index2"
With Combo1
.AddItem "FIKSI"
.AddItem "NON FIKSI"
End With
With Combo2
.AddItem "RAK 1"
.AddItem "RAK 2"
.AddItem "RAK 3"
.AddItem "RAK 4"
.AddItem "RAK 5"
.AddItem "RAK 6"
.AddItem "RAK 7"
.AddItem "RAK 8"
.AddItem "RAK 9"
End With
tombol True, False, True, True
non False, hitam
End Sub

```

```

Private Sub Text1_Change()
rs2.Seek "=", Text1.Text
If Not rs2.NoMatch Then
Text1.Text = Trim(rs2(0))
Text2.Text = Trim(rs2(1))
Combo1.Text = Trim(rs2(2))
Text3.Text = Trim(rs2(3))
Combo2.Text = Trim(rs2(4))
Text4.Text = Trim(rs2(5))
Text5.Text = Trim(rs2(6))
Text6.Text = Trim(rs2(7))
Text7.Text = Trim(rs2(8))
Text8.Text = Trim(rs2(9))
Else
Text2.Text = ""
Combo1.Text = ""
Text3.Text = ""
Combo2.Text = ""
Text4.Text = ""
Text5.Text = ""
Text6.Text = ""
Text7.Text = ""
Text8.Text = ""
tombol True, True, True, True
If Len(Text1.Text) < 1 Then
non False, hitam
Text2.Text = ""
Combo1.Text = ""
Text3.Text = ""
Combo2.Text = ""
Text4.Text = ""
Text5.Text = ""
Text6.Text = ""
Text7.Text = ""
Text8.Text = ""
End If
End If
End Sub

```

```

Private Sub koreksi()
non True, putih
Text1.Enabled = False
tombol False, True, False, True
Text2.SetFocus
End Sub

```

```

Private Sub hapus()
Dim ket
ket = MsgBox("Yakin Data Buku Dihapus....?", vbYesNo + vbQuestion,
"Hapus")
If ket = vbYes Then
rs2.Delete
Text1.Enabled = True
Text1.Text = ""
Text1.SetFocus
End If
End Sub

```

```

Private Sub vbButton1_Click()

```

```

Dim ket
ket = MsgBox("Yakin Anda Mau Keluar.....!", vbYesNo + vbQuestion,
    "keluar")
If ket = vbYes Then
Unload Me
End If
End Sub

Private Sub vbButton2_Click()
If Text1 = "" Or Text2 = "" Or Combo1 = "" Or Text3 = "" Or Combo2 =
    "" Or Text4 = "" Or Text5 = "" Or Text6 = "" Or Text7 = "" Or
    Text8 = "" Then
    MsgBox "Input Data Buku Yang Benar....!"
Else
simpan
End If
End Sub

Private Sub vbButton3_Click()
hapus
End Sub

Private Sub vbButton4_Click()
koreksi
End Sub

Private Sub vbButton5_Click()
Text1.Text = ""
    Text2.Text = ""
    Combo1.Text = ""
    Text3.Text = ""
    Combo2.Text = ""
    Text4.Text = ""
    Text5.Text = ""
    Text6.Text = ""
    Text7.Text = ""
    Text8.Text = ""
    non True, putih
    tombol True, False, True, True
End Sub

```

### **Kode Form Data Peminjaman**

```

Dim db As Database
Dim rs3 As Recordset
Dim rs1 As Recordset
Dim rs2 As Recordset
Const hitam = &H8000000F
Const putih = vbWhite
Private Sub tombol(tambah As Boolean, koreksi As Boolean, hapus As
    Boolean, simpan As Boolean)
vbButton5.Enabled = tambah
vbButton4.Enabled = koreksi
vbButton3.Enabled = hapus
vbButton2.Enabled = simpan
End Sub
Private Sub out()
Unload Me
End Sub

```



```

Private Sub simpan()
Dim ket
If Combo1.Enabled = True Then
    ket = MsgBox("Peminjaman Mau Disimpan....?", vbYesNo +
        vbInformation, "Simpan")
    If ket = vbYes Then
        rs3.AddNew
        rs3(0) = Combo1.Text
        rs3(1) = tgl1.Value
        rs3(2) = Combo2.Text
        rs3(3) = tgl2.Value
        rs3.Update
        ket = MsgBox("Mau Pinjam Buku Lagi.....?", vbYesNo +
            vbQuestion, "Entry Data")
        If ket = vbYes Then
            Combo2.Enabled = True
            Combo2.Text = ""
            Combo2.SetFocus
            bersih
            End If
        End If
    Else
        ket = MsgBox("Data Peminjaman Sudah Benar...?", vbYesNo +
            vbQuestion, "Edit")
        If ket = vbYes Then
            rs3.Edit
            rs3(0) = Combo1.Text
            rs3(1) = tgl1.Value
            rs3(2) = Combo2.Text
            rs3(3) = tgl2.Value
            rs3.Update
            Combo1.Enabled = True
            Combo1.Text = ""
            Combo1.SetFocus
            End If
        End If
    End If
End Sub

Private Sub Combo1_Click()
rs1.Seek "=", Combo1.Text
If Not rs1.NoMatch Then
    Text1.Text = rs1(1)
    non True, putih
    tombol True, True, True, True
End If
End Sub

Private Sub Combo2_Click()
rs3.Seek "=", Combo1.Text, Combo2.Text
If Not rs3.NoMatch Then
    tgl1.Value = rs3(1)
    tgl2.Value = rs3(3)
Else
    tgl1.Enabled = True
    tgl2.Enabled = True
End If
rs2.Seek "=", Combo2.Text
If Not rs2.NoMatch Then
    Text2.Text = rs2(1)

```

```

Text3.Text = rs2(5)
End If
End Sub

Private Sub non(txt As Boolean, warna)
Text1.Enabled = False
Text1.BackColor = warna
Text2.Enabled = False
Text2.BackColor = warna
Text3.Enabled = False
Text3.BackColor = warna
Combo2.Enabled = txt
Combo2.BackColor = warna
End Sub

Private Sub Form_KeyPress(KeyAscii As Integer)
If KeyAscii = 13 Then
SendKeys "{tab}"
End If
End Sub

Private Sub Form_Load()
Set db = OpenDatabase(App.Path & "\pustaka.mdb")
Set rs3 = db.OpenRecordset("peminjaman")
rs3.Index = "index3"
Set rs1 = db.OpenRecordset("anggota")
rs1.Index = "index1"
Set rs2 = db.OpenRecordset("buku")
rs2.Index = "index2"
While Not rs1.EOF
Combo1.AddItem (rs1(0))
rs1.MoveNext
Wend
While Not rs2.EOF
Combo2.AddItem (rs2(0))
rs2.MoveNext
Wend
tombol True, False, False, True
non False, hitam
End Sub

Private Sub koreksi()
Combo1.Enabled = False
tombol False, True, False, True
tgl1.SetFocus
End Sub

Private Sub hapus()
Dim ket
ket = MsgBox("Yakin Data Peminjaman Mau Dihapus....?", vbYesNo +
vbQuestion, "Hapus")
If ket = vbYes Then
rs3.Delete
non False, putih
tombol False, True, True, False
bersih_daeng
tgl1.Enabled = True
tgl2.Enabled = True
Combo1.Enabled = True
Combo1.Text = ""

```

```

End If
End Sub

Private Sub bersih()
Text2 = ""
Combo2 = ""
Text3 = ""
End Sub

Private Sub bersih_daeng()
Combo1.Text = ""
Combo2.Text = ""
Text1.Text = ""
Text2.Text = ""
Text3.Text = ""
End Sub

Private Sub vbButton1_Click()
Dim ket
ket = MsgBox(" Anda Ingin Keluar..!", vbYesNo + vbQuestion, "Keluar")
If ket = vbYes Then
Unload Me
End If
End Sub

Private Sub vbButton2_Click()
If Combo1 = "" Or Text1 = "" Or Combo2 = "" Or tgl1 = "" Or Text2 =
"" Or Text3 = "" Or tgl2 = "" Then
MsgBox "Input Data Yang Benar ...!"
Else
simpan
End If
End Sub

Private Sub vbButton3_Click()
hapus
End Sub

Private Sub vbButton4_Click()
koreksi
End Sub

Private Sub vbButton5_Click()
Combo1.Text = ""
Text1.Text = ""
Combo2.Text = ""
Text2.Text = ""
Text3.Text = ""
End Sub

```

### **Kode Form Menu Data Pengembalian**

```

Dim db As Database
Dim rs4 As Recordset
Dim rs1 As Recordset
Dim rs2 As Recordset
Const hitam = &H8000000F
Const putih = vbWhite

```

```

Private Sub tombol(tambah As Boolean, koreksi As Boolean, hapus As
    Boolean, simpan As Boolean)
vbButton5.Enabled = tambah
vbButton4.Enabled = koreksi
vbButton3.Enabled = hapus
vbButton2.Enabled = simpan
End Sub

Private Sub out()
Unload Me
End Sub

Private Sub simpan()
Dim ket
If Combo1.Enabled = True Then
    ket = MsgBox("Pengembalian Buku Mau Disimpan....?", vbYesNo +
        vbInformation, "Simpan")
    If ket = vbYes Then
        rs4.AddNew
        rs4(0) = Combo1.Text
        rs4(1) = Combo2.Text
        rs4(2) = tgl5.Value
        rs4(3) = tgl6.Value
        rs4(4) = Text5.Text
        rs4.Update
        ket = MsgBox("Ada Buku Yang Dikembalikan Lagi.....?",
            vbYesNo + vbQuestion, "Entry Data")
        If ket = vbYes Then
            Combo2.Enabled = True
            Combo2.Text = ""
            Combo2.SetFocus
            bersih
        End If
    End If
Else
    ket = MsgBox("Data Pengembalian Sudah Benar...?", vbYesNo +
        vbQuestion, "Edit")
    If ket = vbYes Then
        rs4.Edit
        rs4(0) = Combo1.Text
        rs4(1) = Combo2.Text
        rs4(2) = tgl5.Value
        rs4(3) = tgl6.Value
        rs4(4) = Text5.Text
        rs4.Update
        Combo1.Enabled = True
        Combo1.Text = ""
        Combo1.SetFocus
    End If
End If
End Sub

Private Sub Combo1_Click()
rs1.Seek "=", Combo1.Text
If Not rs1.NoMatch Then
    Text1.Text = rs1(1)
    non True, putih
    tombol True, True, True, True
End If
End Sub

```

```

Private Sub Combo2_Click()
rs4.Seek "=", Combo1.Text, Combo2.Text
If Not rs4.NoMatch Then
Text5.Text = rs4(4)
tgl5.Value = rs4(2)
tgl6.Value = rs4(3)
Else
Text5.Text = ""
tgl5.Enabled = True
tgl6.Enabled = True
End If
rs2.Seek "=", Combo2.Text
If Not rs2.NoMatch Then
Text2.Text = rs2(1)
Text3.Text = rs2(5)
Text4.Text = rs2(9)
End If
End Sub

Private Sub non(txt As Boolean, warna)
Text1.Enabled = False
Text1.BackColor = warna
Text2.Enabled = False
Text2.BackColor = warna
Text3.Enabled = False
Text3.BackColor = warna
Text4.Enabled = False
Text4.BackColor = warna
Text5.Enabled = txt
Text5.BackColor = warna
Combo2.Enabled = txt
Combo2.BackColor = warna
End Sub

Private Sub Form_KeyPress(KeyAscii As Integer)
If KeyAscii = 13 Then
SendKeys "{tab}"
End If
End Sub

Private Sub Form_Load()
Set db = OpenDatabase(App.Path & "\pustaka.mdb")
Set rs4 = db.OpenRecordset("pengembalian")
rs4.Index = "index4"
Set rs1 = db.OpenRecordset("anggota")
rs1.Index = "index1"
Set rs2 = db.OpenRecordset("buku")
rs2.Index = "index2"
While Not rs1.EOF
Combo1.AddItem (rs1(0))
rs1.MoveNext
Wend
While Not rs2.EOF
Combo2.AddItem (rs2(0))
rs2.MoveNext
Wend
tombol True, False, False, True
non False, hitam
End Sub

```

```

Private Sub koreksi()
    Combol.Enabled = False
    tombol False, True, False, True
    tgl5.SetFocus
    Text5.SetFocus
End Sub

Private Sub hapus()
    Dim ket
    ket = MsgBox("Yakin Data Peminjaman Mau Dihapus....?", vbYesNo +
        vbQuestion, "Hapus")
    If ket = vbYes Then
        rs4.Delete
        non False, putih
        tombol False, True, True, False
        Combol.Text = ""
        Combo2.Text = ""
        Text1.Text = ""
        Text2.Text = ""
        Text3.Text = ""
        Text4.Text = ""
        Text5.Text = ""
        tgl5.Enabled = True
        tgl6.Enabled = True
    End If
End Sub

Private Sub bersih()
    Combo2 = ""
    Text2 = ""
    Text3 = ""
    Text4 = ""
    Text5 = ""
End Sub

Private Sub vbButton1_Click()
    Dim ket
    ket = MsgBox(" Anda Ingin Keluar..!", vbYesNo + vbQuestion, "Keluar")
    If ket = vbYes Then
        Unload Me
    End If
End Sub

Private Sub vbButton2_Click()
    If Combol = "" Or Text1 = "" Or Combo2 = "" Or tgl5 = "" Or Text2 =
        "" Or Text3 = "" Or tgl6 = "" Or Text4 = "" Or Text5 = "" Then
        MsgBox "Input Data Pengembalian Yang Benar ...!"
    Else
        simpan
    End If
End Sub

Private Sub vbButton3_Click()
    hapus
End Sub

Private Sub vbButton4_Click()
    koreksi

```

```

End Sub

Private Sub vbButton5_Click()
Combo1.Text = ""
Text1.Text = ""
Combo2.Text = ""
Text2.Text = ""
Text3.Text = ""
Text4.Text = ""
Text5.Text = ""
End Sub

```

### Kode Form Menu Cetak Anggota

```

Private Sub vbButton1_Click()
Unload Me
End Sub

Private Sub vbButton2_Click()
If Text1 = "" Then
    MsgBox "Nomor anggota kosong"
    Exit Sub
    Text1.SetFocus
End If
Pesan = MsgBox("Printer sudah siap..?", vbYesNo, "Konfirmasi")
If Pesan = vbYes Then

Dim MGrS As String
Printer.Font = "Courier New"

Call Bukadb
rsanggota.Open "select * from anggota Where nap =' " & Text1 & "',
    conn
Printer.Print
Printer.FontBold = True
Printer.Print
Printer.FontBold = False

Printer.CurrentX = 0
Printer.CurrentY = 0
Printer.Print Tab(5); "Nomor Anggota : "; rsanggota!nap
Printer.Print Tab(5); "Nama Siswa : "; rsanggota!nama_siswa
Printer.Print Tab(5); "NIS : "; rsanggota!nis

MGrS = String$(33, "-")
Printer.Print Tab(5); MGrS

Printer.Print Tab(5); MGrS
Printer.Print
Printer.EndDoc
End If
End Sub

```

### Kode Module

```

Public conn As New ADODB.Connection
Public rsanggota As ADODB.Recordset
Public Sub Bukadb()
Dim str As String

```

```
Set conn = New ADODB.Connection
Set rsanggota = New ADODB.Recordset
conn.Open "provider=Microsoft.Jet.OLEDB.4.0;Data Source
=D:\Ita\pustaka.mdb"
End Sub
```