

LAMPIRAN 1

LISTING PROGRAM

FORM SELAMAT DATANG

```
Private Sub Command1_Click()  
Unload frmWelcome  
Load MDIForm1  
MDIForm1.Show  
End Sub
```

```
Private Sub Form_Load()  
Command1.BackColor = &HFF8080  
CenterForm Me  
End Sub
```

FORM UTAMA

```
Private Sub MDIForm_Load()  
Me.BackColor = &H808080  
End Sub
```

```
Private Sub mnuCreate_Click()  
frmPilihInputIP.Show  
End Sub
```

```
Private Sub mnuCredit_Click()  
frmCredit.Show  
End Sub
```

```
Private Sub mnuDelete_Click()  
frmDelete.Show  
End Sub
```

```
Private Sub mnuExit_Click()  
Dim teks  
Unload Me  
End Sub
```

```
Private Sub MDIForm_Unload(Cancel As Integer)  
Dim teks
```

```

teks = MsgBox("Are you sure want to exit from this program ? ",
vbQuestion + vbYesNo, "Exit program")
If teks = vbYes Then
    Unload Me
Else
    Cancel = 1
End If
End Sub

Private Sub mnuHelp_Click()
Call WinHelp(0, App.HelpFile, HELP_CONTENTS, 900)
End Sub

Private Sub mnuLeases_Click()
frmPilihShowIP.Show
End Sub

Private Sub mnuProcess_Click()
frmFlash.Show
End Sub

Private Sub mnuSimulation_Click()
frmSimulation.Show
End Sub

Private Sub mnuTips_Click()
Load frmTips
frmTips.Show
End Sub

Private Sub mnuUs_Click()
frmAbout.Show
End Sub

Private Sub Toolbar1_ButtonClick(ByVal Button As
MSComctlLib.Button)
Select Case Button.Index
    Case 1:
        frmSimulation.Show
    Case 2:
        frmFlash.Show
    Case 3:
        frmPilihInputIP.Show
    Case 4:
        frmPilihShowIP.Show
    Case 5:
        frmDelete.Show
    Case 6:
        frmAbout.Show
End Select
End Sub

```

FORM SIMULATION

Option Explicit

```
Dim strsql As String
Public cn As ADODB.Connection
Public rs1 As ADODB.Recordset
Public rs2 As ADODB.Recordset
Dim ip As String
Dim a As String
Dim i As Integer
```

```
Private Sub cmdExit_Click()
Unload frmSimulation
End Sub
```

```
Private Sub Form_Load()
Set cn = New ADODB.Connection
cn.Provider = "Microsoft.Jet.OLEDB.4.0"
cn.CursorLocation = adUseClient

cn.Open App.Path & "\Dataku.mdb"

Shapel(0).FillColor = &HFF8080
Shapel(1).FillColor = &HFF8080
Shapel(2).FillColor = &HFF8080
CenterForm Me
Timer1.Enabled = False
Timer2.Enabled = False
Timer3.Enabled = False
Timer4.Enabled = False
Timer5.Enabled = False
Timer6.Enabled = False
Timer7.Enabled = False
Timer8.Enabled = False
'lblKeterangan.FontUnderline = False
End Sub
```

```
Private Sub Image1_Click()
Timer1.Enabled = True
End Sub
```

```
Private Sub Image1_DblClick()
Dim matil, matil1
Timer1.Enabled = False
matil = MsgBox("Apakah anda akan mematikan komputer 1 ?",
vbQuestion + vbYesNo, "Shutdown computer")
If matil = vbYes Then
strsql = "Update IPServer1 set [Status 1] = '0' Where [IP
Address 1] = '" & Label1.Caption & "'"
cn.Execute strsql, , adCmdText
matil1 = MsgBox("Komputer 1 sudah mati", vbInformation +
vbOKOnly, "Computer has been turn off")
Call reset
Image13.Visible = True
Label1.Caption = "DHCP Client 1"
End If
```

```
End Sub
```

```
Private Sub Image2_Click()
Timer2.Enabled = True
End Sub
```

```
Private Sub Image2_DblClick()
Dim mati2, mati22
Timer2.Enabled = False
mati2 = MsgBox("Apakah anda akan mematikan komputer 2 ?",
vbQuestion + vbYesNo, "Shutdown computer")
If mati2 = vbYes Then
    strSQL = "Update IPserver1 set [Status 1] = '0' Where [IP
Address 1] = '" & Label2.Caption & "'"
    cn.Execute strSQL, , adCmdText
    mati22 = MsgBox("Komputer 2 sudah mati", vbInformation +
vbOKOnly, "Computer has been turn off")
    Call reset
    Image14.Visible = True
    Label2.Caption = "DHCP Client 2"
End If
End Sub
```

```
Private Sub Image3_Click()
Timer3.Enabled = True
End Sub
```

```
Private Sub Image3_DblClick()
Dim mati3, mati33
Timer3.Enabled = False
mati3 = MsgBox("Apakah anda akan mematikan komputer 3 ?",
vbQuestion + vbYesNo, "Shutdown computer")
If mati3 = vbYes Then
    strSQL = "Update IPserver1 set [Status 1] = '0' Where [IP
Address 1] = '" & Label3.Caption & "'"
    cn.Execute strSQL, , adCmdText
    mati33 = MsgBox("Komputer 3 sudah mati", vbInformation +
vbOKOnly, "Computer has been turn off")
    Call reset
    Image15.Visible = True
    Label3.Caption = "DHCP Client 3"
End If
End Sub
```

```
Private Sub Image4_Click()
Timer4.Enabled = True
End Sub
```

```
Private Sub Image4_DblClick()
Dim mati4, mati44
Timer4.Enabled = False
mati4 = MsgBox("Apakah anda akan mematikan komputer 4 ?",
vbQuestion + vbYesNo, "Shutdown computer")
If mati4 = vbYes Then
    strSQL = "Update IPserver2 set [Status 2] = '0' Where [IP
Address 2] = '" & Label4.Caption & "'"
```

```

        cn.Execute strSQL, , adCmdText
        mati44 = MsgBox("Komputer 4 sudah mati", vbInformation +
vbOKOnly, "Computer has been turn off")
        Call reset
        Image16.Visible = True
        Label4.Caption = "DHCP Client 4"
    End If
End Sub

```

```

Private Sub Image5_Click()
Timer5.Enabled = True
End Sub

```

```

Private Sub Image5_DblClick()
Dim mati5, mati55
Timer5.Enabled = False
mati5 = MsgBox("Apakah anda akan mematikan komputer 5 ?",
vbQuestion + vbYesNo, "Shutdown computer")
If mati5 = vbYes Then
    strSQL = "Update IPServer2 set [Status 2] = '0' Where [IP
Address 2] = '" & Label5.Caption & "'"
    cn.Execute strSQL, , adCmdText
    mati55 = MsgBox("Komputer 5 sudah mati", vbInformation +
vbOKOnly, "Computer has been turn off")
    Call reset
    Image17.Visible = True
    Label5.Caption = "DHCP Client 5"
End If
End Sub

```

```

Private Sub Image6_Click()
Timer6.Enabled = True
End Sub
Private Sub Image6_DblClick()
Dim mati6, mati66
Timer6.Enabled = False
mati6 = MsgBox("Apakah anda akan mematikan komputer 6 ?",
vbQuestion + vbYesNo, "Shutdown computer")
If mati6 = vbYes Then
    strSQL = "Update IPServer2 set [Status 2] = '0' Where [IP
Address 2] = '" & Label6.Caption & "'"
    cn.Execute strSQL, , adCmdText
    mati66 = MsgBox("Komputer 6 sudah mati", vbInformation +
vbOKOnly, "Computer has been turn off")
    Call reset
    Image18.Visible = True
    Label6.Caption = "DHCP Client 6"
End If
End Sub

```

```

Private Sub Image7_Click()
Timer7.Enabled = True
End Sub

```

```

Private Sub Image7_DblClick()
Dim mati7, mati77

```

```

Timer7.Enabled = False
mati7 = MsgBox("Apakah anda akan mematikan komputer 7 ?",
vbQuestion + vbYesNo, "Shutdown computer")
If mati7 = vbYes Then
    strSQL = "Update IPserver2 set [Status 2] = '0' Where [IP
Address 2] = '" & Label7.Caption & "'"
    cn.Execute strSQL, , adCmdText
    mati77 = MsgBox("Komputer 7 sudah mati", vbInformation +
vbOKOnly, "Computer has been turn off")
    Call reset
    Image19.Visible = True
    Label7.Caption = "DHCP Client 7"
End If
End Sub

```

```

Private Sub Image8_Click()
Timer8.Enabled = True
End Sub

```

```

Private Sub Image8_DblClick()
Dim mati8, mati88
Timer8.Enabled = False
mati8 = MsgBox("Apakah anda akan mematikan komputer 8 ?",
vbQuestion + vbYesNo, "Shutdown computer")
If mati8 = vbYes Then
    strSQL = "Update IPserver2 set [Status 2] = '0' Where [IP
Address 2] = '" & Label8.Caption & "'"
    cn.Execute strSQL, , adCmdText
    mati88 = MsgBox("Komputer 8 sudah mati", vbInformation +
vbOKOnly, "Computer has been turn off")
    Call reset
    Image20.Visible = True
    Label8.Caption = "DHCP Client 8"
End If
End Sub

```

```

Private Sub imgBackground_MouseMove(Button As Integer, Shift As
Integer, x As Single, y As Single)
lblKeterangan.ForeColor = &HFF00FF
lblKeterangan.FontUnderline = False
End Sub

```

```

Private Sub lblKeterangan_Click()
frmReadme.Show
End Sub

```

```

Private Sub lblKeterangan_MouseMove(Button As Integer, Shift As
Integer, x As Single, y As Single)
lblKeterangan.ForeColor = vbBlue
lblKeterangan.FontUnderline = True
End Sub

```

```

Private Sub Timer1_Timer()
Dim ip As String
Dim H As Integer
Dim abis1, goblok1

```

```

If Label1.Caption <> "DHCP Client 1" Then
    goblok1 = MsgBox("Komputer sudah punya IP Address",
vbInformation + vbOKOnly, "Errrrroooorr")
    Timer1.Enabled = False
    Exit Sub
End If

Image13.Visible = False
Bar1.Value = Bar1.Value + 2

If Bar1.Value <= 10 Then
    Line1.BorderWidth = 4
    Line1.BorderColor = &HC00000
ElseIf Bar1.Value <= 20 Then
    Line2.BorderWidth = 4
    Line2.BorderColor = &HC00000
ElseIf Bar1.Value <= 30 Then
    Line3.BorderWidth = 4
    Line3.BorderColor = &HC00000
ElseIf Bar1.Value <= 40 Then
    Line4.BorderWidth = 4
    Line4.BorderColor = &HC00000
    Line3.BorderWidth = 6
    Line3.BorderColor = &HFFFF&
ElseIf Bar1.Value <= 50 Then
    Line5.BorderWidth = 4
    Line5.BorderColor = &HC00000
    Line2.BorderWidth = 6
    Line2.BorderColor = &HFFFF&
ElseIf Bar1.Value <= 60 Then
    Line6.BorderWidth = 4
    Line6.BorderColor = &HC00000
    Line1.BorderWidth = 6
    Line1.BorderColor = &HFFFF&

ElseIf Bar1.Value <= 70 Then
    Set rs1 = New ADODB.Recordset
    rs1.Open "select * from [ipserver1] where [status 1] = '0'",
cn, adOpenDynamic, adLockOptimistic

    If rs1.RecordCount = 0 Then
        abis1 = MsgBox("IP Address server 1 habis !!!", vbCritical
+ vbOKOnly, "IP out of stock")
        Call reset
        Image13.Visible = True
        Timer1.Enabled = False
        Bar1.Value = 0
    Else
        a = Int(Rnd * rs1.RecordCount)
        rs1.MoveFirst
        For i = 1 To a
            rs1.MoveNext
        Next
        Label1.Caption = rs1(0)
        rs1.Update (3), "2"
        Call reset

```

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    Timer1.Enabled = False
    Bar1.Value = 0

    End If
ElseIf Bar1.Value >= 75 Then
    Call reset
    Bar1.Value = 0
    Timer1.Enabled = False
End If
End Sub

Sub reset()
Line1.BorderWidth = 1
Line2.BorderWidth = 1
Line3.BorderWidth = 1
Line4.BorderWidth = 1
Line5.BorderWidth = 1
Line6.BorderWidth = 1
Line7.BorderWidth = 1
Line8.BorderWidth = 1
Line9.BorderWidth = 1
Line10.BorderWidth = 1
Line11.BorderWidth = 1
Line12.BorderWidth = 1
Line13.BorderWidth = 1
Line14.BorderWidth = 1
Line15.BorderWidth = 1
Line16.BorderWidth = 1

Line1.BorderColor = &H0&
Line2.BorderColor = &H0&
Line3.BorderColor = &H0&
Line4.BorderColor = &H0&
Line5.BorderColor = &H0&
Line6.BorderColor = &H0&
Line7.BorderColor = &H0&
Line8.BorderColor = &H0&
Line9.BorderColor = &H0&
Line10.BorderColor = &H0&
Line11.BorderColor = &H0&
Line12.BorderColor = &H0&
Line13.BorderColor = &H0&
Line14.BorderColor = &H0&
Line15.BorderColor = &H0&
Line16.BorderColor = &H0&
End Sub

Private Sub Timer2_Timer()
Dim abis2, goblok2
If Label2.Caption <> "DHCP Client 2" Then
    goblok2 = MsgBox("Komputer sudah punya IP Address",
vbInformation + vbOKOnly, "Errrrroooorr")
    Timer2.Enabled = False
Exit Sub
End If

```



```

Image14.Visible = False
Bar2.Value = Bar2.Value + 2

If Bar2.Value <= 10 Then
    Line4.BorderWidth = 4
    Line4.BorderColor = &HC0&
ElseIf Bar2.Value <= 20 Then
    Line3.BorderWidth = 4
    Line3.BorderColor = &HC0&
ElseIf Bar2.Value <= 30 Then
    Line2.BorderWidth = 4
    Line2.BorderColor = &HC0&
    Line5.BorderWidth = 4
    Line5.BorderColor = &HC0&
    Line3.BorderWidth = 6
    Line3.BorderColor = &HFF00&
ElseIf Bar2.Value <= 40 Then
    Line1.BorderWidth = 4
    Line1.BorderColor = &HC0&
    Line4.BorderWidth = 4
    Line4.BorderColor = &HFF00&
    Line6.BorderWidth = 4
    Line6.BorderColor = &HC0&

ElseIf Bar2.Value <= 50 Then

    Set rs1 = New ADODB.Recordset
    rs1.Open "select * from [ipserver1] where [status 1] = '0'",
cn, adOpenDynamic, adLockOptimistic

    If rs1.RecordCount = 0 Then
        abis2 = MsgBox("IP Address server 1 habis !!!", vbCritical
+ vbOKOnly, "IP out of stock")
        Call reset
        Image14.Visible = True
        Timer2.Enabled = False
        Bar2.Value = 0
    Else
        a = Int(Rnd * rs1.RecordCount)
        rs1.MoveFirst
        For i = 1 To a
            rs1.MoveNext
        Next
        Label2.Caption = rs1(0)
        rs1.Update (3), "2"
        Call reset
        Timer2.Enabled = False
        Bar2.Value = 0
    End If

ElseIf Bar2.Value >= 55 Then
Call reset
Timer2.Enabled = False
Bar2.Value = 0
End If
End Sub

```

```

Private Sub Timer3_Timer()
Dim abis3, goblok3
If Label3.Caption <> "DHCP Client 3" Then
    goblok3 = MsgBox("Komputer sudah punya IP Address",
vbInformation + vbOKOnly, "Errrrroooorr")
    Timer3.Enabled = False
    Exit Sub
End If

Image15.Visible = False
Bar3.Value = Bar3.Value + 2

If Bar3.Value <= 10 Then
    Line6.BorderWidth = 4
    Line6.BorderColor = &HFF00FF
ElseIf Bar3.Value <= 20 Then
    Line5.BorderWidth = 4
    Line5.BorderColor = &HFF00FF

ElseIf Bar3.Value <= 30 Then
    Line2.BorderWidth = 4
    Line2.BorderColor = &HFF00FF
    Line3.BorderWidth = 4
    Line3.BorderColor = &HFF00FF
    Line4.BorderWidth = 4
    Line4.BorderColor = &HFF00FF
ElseIf Bar3.Value <= 40 Then
    Line1.BorderWidth = 4
    Line1.BorderColor = &HFF00FF
    Line3.BorderWidth = 6
    Line3.BorderColor = &HFFFF00

ElseIf Bar3.Value <= 50 Then
    Line5.BorderWidth = 6
    Line5.BorderColor = &HFFFF00

ElseIf Bar3.Value <= 60 Then
    Line6.BorderWidth = 6
    Line6.BorderColor = &HFFFF00

ElseIf Bar3.Value <= 70 Then

    Set rs1 = New ADODB.Recordset
    rs1.Open "select * from [ipserver1] where [status 1] = '0'",
cn, adOpenDynamic, adLockOptimistic

    If rs1.RecordCount = 0 Then
abis3 = MsgBox("IP Address server 1 habis !!!", vbCritical
+ vbOKOnly, "IP out of stock")
        Call reset
Image15.Visible = True
        Timer3.Enabled = False
        Bar3.Value = 0
    Else
        a = Int(Rnd * rs1.RecordCount)

```

```

        rs1.MoveFirst
        For i = 1 To a
            rs1.MoveNext
        Next
        Label3.Caption = rs1(0)
        rs1.Update (3), "2"
        Call reset
        Timer3.Enabled = False
        Bar3.Value = 0
    End If

ElseIf Bar3.Value >= 75 Then
    Call reset
    Timer3.Enabled = False
    Bar3.Value = 0
End If
End Sub

Private Sub Timer4_Timer()
    Dim abis4, goblok4
    If Label4.Caption <> "DHCP Client 4" Then
        goblok4 = MsgBox("Komputer sudah punya IP Address",
            vbInformation + vbOKOnly, "Errrrroooorr")
        Timer4.Enabled = False
        Exit Sub
    End If

    Image16.Visible = False
    Bar4.Value = Bar4.Value + 2

    If Bar4.Value <= 10 Then
        Line8.BorderWidth = 4
        Line8.BorderColor = &HFFFF&
    ElseIf Bar4.Value <= 20 Then
        Line7.BorderWidth = 4
        Line7.BorderColor = &HFFFF&
    ElseIf Bar4.Value <= 30 Then
        Line9.BorderWidth = 4
        Line9.BorderColor = &HFFFF&
    ElseIf Bar4.Value <= 40 Then
        Line10.BorderWidth = 4
        Line10.BorderColor = &HFFFF&
    ElseIf Bar4.Value <= 50 Then
        Line10.BorderWidth = 6
        Line10.BorderColor = &HFF&
    ElseIf Bar4.Value <= 60 Then
        Line7.BorderWidth = 6
        Line7.BorderColor = &HFF&
    ElseIf Bar4.Value <= 70 Then
        Line8.BorderWidth = 6
        Line8.BorderColor = &HFF&

Set rs2 = New ADODB.Recordset
rs2.Open "select * from [ipserver2] where [status 2] = '0'",
cn, adOpenDynamic, adLockOptimistic

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```

    If rs2.RecordCount = 0 Then
        abis4 = MsgBox("IP Address server 2 habis !!!", vbCritical
+ vbOKOnly, "IP out of stock")
        Call reset
        Image16.Visible = True
        Timer4.Enabled = False
        Bar4.Value = 0
    Else
        a = Int(Rnd * rs2.RecordCount)
        rs2.MoveFirst
        For i = 1 To a
            rs2.MoveNext
        Next
        Label4.Caption = rs2(0)
        rs2.Update (3), "2"
        Call reset
        Timer4.Enabled = False
        Bar4.Value = 0
    End If

ElseIf Bar4.Value >= 80 Then
    Call reset
    Timer4.Enabled = False
    Bar4.Value = 0
End If
End Sub

Private Sub Timer5_Timer()
    Dim abis5, goblok5
    If Label5.Caption <> "DHCP Client 5" Then
        goblok5 = MsgBox("Komputer sudah punya IP Address",
vbInformation + vbOKOnly, "Errrrroooorr")
        Timer5.Enabled = False
    End If
End Sub

Image17.Visible = False
Bar5.Value = Bar5.Value + 2

If Bar5.Value <= 10 Then
    Line9.BorderWidth = 4
    Line9.BorderColor = &H80FF&
ElseIf Bar5.Value <= 20 Then
    Line7.BorderWidth = 4
    Line7.BorderColor = &H80FF&
ElseIf Bar5.Value <= 30 Then
    Line8.BorderWidth = 4
    Line8.BorderColor = &H80FF&
ElseIf Bar5.Value <= 40 Then
    Line10.BorderWidth = 4
    Line10.BorderColor = &H80FF&
ElseIf Bar5.Value <= 50 Then
    Line10.BorderWidth = 6
    Line10.BorderColor = &HFF00FF
ElseIf Bar5.Value <= 60 Then
    Line7.BorderWidth = 6

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Line7.BorderColor = &HFF00FF
ElseIf Bar5.Value <= 70 Then
Line9.BorderWidth = 6
Line9.BorderColor = &HFF00FF

Set rs2 = New ADODB.Recordset
rs2.Open "select * from [ipserver2] where [status 2] = '0'",
cn, adOpenDynamic, adLockOptimistic

If rs2.RecordCount = 0 Then
abis5 = MsgBox("IP Address server 2 habis !!!", vbCritical
+ vbOKOnly, "IP out of stock")
Call reset
Image17.Visible = True
Timer5.Enabled = False
Bar5.Value = 0
Else
a = Int(Rnd * rs2.RecordCount)
rs2.MoveFirst
For i = 1 To a
rs2.MoveNext
Next
Label5.Caption = rs2(0)
rs2.Update (3), "2"
Call reset
Timer5.Enabled = False
Bar5.Value = 0

End If

ElseIf Bar5.Value >= 80 Then
Call reset
Timer5.Enabled = False
Bar5.Value = 0
End If
End Sub

Private Sub Timer6_Timer()
Dim abis6, goblok6
If Label6.Caption <> "DHCP Client 6" Then
goblok6 = MsgBox("Komputer sudah punya IP Address",
vbInformation + vbOKOnly, "Errrrrooooo")
Timer6.Enabled = False
Exit Sub
End If

Image18.Visible = False
Bar6.Value = Bar6.Value + 2

If Bar6.Value <= 10 Then
Line14.BorderWidth = 4
Line14.BorderColor = &HFFFFFF0
ElseIf Bar6.Value <= 20 Then
Line13.BorderWidth = 4
Line13.BorderColor = &HFFFFFF0
ElseIf Bar6.Value <= 30 Then

```

```

Line12.BorderWidth = 4
Line12.BorderColor = &HFFFF00
Line15.BorderWidth = 4
Line15.BorderColor = &HFFFF00
Line16.BorderWidth = 4
Line16.BorderColor = &HFFFF00
ElseIf Bar6.Value <= 40 Then
Line12.BorderWidth = 6
Line12.BorderColor = &H404080
ElseIf Bar6.Value <= 50 Then
Line13.BorderWidth = 6
Line13.BorderColor = &H404080
ElseIf Bar6.Value <= 60 Then
Line14.BorderWidth = 6
Line14.BorderColor = &H404080
ElseIf Bar6.Value <= 70 Then

Set rs2 = New ADODB.Recordset
rs2.Open "select * from [ipserver2] where [status 2] = '0'",
cn, adOpenDynamic, adLockOptimistic

If rs2.RecordCount = 0 Then
abis6 = MsgBox("IP Address server 2 habis !!!", vbCritical
+ vbOKOnly, "IP out of stock")
Call reset
Image18.Visible = True
Timer6.Enabled = False
Bar6.Value = 0
Else
a = Int(Rnd * rs2.RecordCount)
rs2.MoveFirst
For i = 1 To a
rs2.MoveNext
Next
Label6.Caption = rs2(0)
rs2.Update (3), "2"
Call reset
Timer6.Enabled = False
Bar6.Value = 0

End If

ElseIf Bar6.Value >= 75 Then
Call reset
Timer6.Enabled = False
Bar6.Value = 0
End If
End Sub

```

```

Private Sub Timer7_Timer()
Dim abis7, goblok7
If Label7.Caption <> "DHCP Client 7" Then
goblok7 = MsgBox("Komputer sudah punya IP Address",
vbInformation + vbOKOnly, "Errrrroooorr")
Timer7.Enabled = False
Exit Sub

```

```

End If

Image19.Visible = False
Bar7.Value = Bar7.Value + 2

If Bar7.Value <= 10 Then
    Line15.BorderWidth = 4
    Line15.BorderColor = &HFF00&
ElseIf Bar7.Value <= 20 Then
    Line13.BorderWidth = 4
    Line13.BorderColor = &HFF00&
ElseIf Bar7.Value <= 30 Then
    Line12.BorderWidth = 4
    Line12.BorderColor = &HFF00&
    Line14.BorderWidth = 4
    Line14.BorderColor = &HFF00&
    Line16.BorderWidth = 4
    Line16.BorderColor = &HFF00&
ElseIf Bar7.Value <= 40 Then
    Line12.BorderWidth = 6
    Line12.BorderColor = &HFFFF&
ElseIf Bar7.Value <= 50 Then
    Line13.BorderWidth = 6
    Line13.BorderColor = &HFFFF&
ElseIf Bar7.Value <= 60 Then
    Line15.BorderWidth = 6
    Line15.BorderColor = &HFFFF&
ElseIf Bar7.Value <= 70 Then

    Set rs2 = New ADODB.Recordset
    rs2.Open "select * from [ipserver2] where [status 2] = '0'",
cn, adOpenDynamic, adLockOptimistic

    If rs2.RecordCount = 0 Then
        abis7 = MsgBox("IP Address server 2 habis !!!", vbCritical
+ vbOKOnly, "IP out of stock")
        Call reset
        Image19.Visible = True
        Timer7.Enabled = False
        Bar7.Value = 0
    Else
        a = Int(Rnd * rs2.RecordCount)
        rs2.MoveFirst
        For i = 1 To a
            rs2.MoveNext
        Next
        Label7.Caption = rs2(0)
        rs2.Update (3), "2"
        Call reset
        Timer7.Enabled = False
        Bar7.Value = 0
    End If

ElseIf Bar7.Value >= 75 Then
    Call reset

```

```

Timer7.Enabled = False
Bar7.Value = 0
End If
End Sub

Private Sub Timer8_Timer()
Dim abis8, goblok8
If Label8.Caption <> "DHCP Client 8" Then
    goblok8 = MsgBox("Komputer sudah punya IP Address",
vbInformation + vbOKOnly, "Errrrroooorr")
    Timer8.Enabled = False
    Exit Sub
End If

Image20.Visible = False
Bar8.Value = Bar8.Value + 2

If Bar8.Value <= 10 Then
    Line16.BorderWidth = 4
    Line16.BorderColor = &HFF8080
ElseIf Bar8.Value <= 20 Then
    Line13.BorderWidth = 4
    Line13.BorderColor = &HFF8080
ElseIf Bar8.Value <= 30 Then
    Line12.BorderWidth = 4
    Line12.BorderColor = &HFF8080
    Line14.BorderWidth = 4
    Line14.BorderColor = &HFF8080
    Line15.BorderWidth = 4
    Line15.BorderColor = &HFF8080
ElseIf Bar8.Value <= 40 Then
    Line12.BorderWidth = 6
    Line12.BorderColor = &HCO&
ElseIf Bar8.Value <= 50 Then
    Line13.BorderWidth = 6
    Line13.BorderColor = &HCO&
ElseIf Bar8.Value <= 60 Then
    Line16.BorderWidth = 6
    Line16.BorderColor = &HCO&
ElseIf Bar8.Value <= 70 Then

    Set rs2 = New ADODB.Recordset
    rs2.Open "select * from [ipserver2] where [status 2] = '0'",
cn, adOpenDynamic, adLockOptimistic

    If rs2.RecordCount = 0 Then
        abis8 = MsgBox("IP Address server 2 habis !!!", vbCritical
+ vbOKOnly, "IP out of stock")
        Call reset
        Image20.Visible = True
        Timer8.Enabled = False
        Bar8.Value = 0
    Else
        a = Int(Rnd * rs2.RecordCount)
        rs2.MoveFirst
        For i = 1 To a

```



```

rs2.MoveNext
Next
Label8.Caption = rs2(0)
rs2.Update (3), "2"
Call reset
Timer8.Enabled = False
Bar8.Value = 0

```

```
End If
```

```

ElseIf Bar8.Value >= 75 Then
Call reset
Timer8.Enabled = False
Bar8.Value = 0
End If
End Sub

```

FORM PROCESS

```

Private Sub Command1_Click()
Unload frmFlash
End Sub

```

```

Private Sub Form_Load()
ShockwaveFlash1.Movie = App.Path & "\DHCP Simulation.swf"
CenterForm Me
End Sub

```

FORM PILIH SERVER BUAT SCOPE BARU

```

Private Sub cmdOK_Click()
If optServer1.Value = True Then
    Load frmPassword1
    frmPassword1.Show
Else
    Load frmPassword2
    frmPassword2.Show
End If
Unload Me
End Sub

```

```

Private Sub Form_Load()
Me.BackColor = &HFF8080
cmdOK.BackColor = &HC00C0
CenterForm Me
End Sub

```

FORM PASSWORD

```

Dim error As Integer

Private Sub cmdOK_Click()
Dim goblok
If Not (txtAdmin.Text = "Joe" And
txtPassword.Text = "joe") Then
error = error + 1
x = MsgBox("Maaf, anda bukan administrator", vbOKOnly +
vbExclamation, "Error")
txtAdmin.SetFocus
If error = 3 Then
goblok = MsgBox("Anda Telah Melakukan Kesalahan 3 kali",
vbCritical + vbOKOnly, "Sorry, you're not permitted")
Unload Me
End If
Else
Load frmInputIP1
frmInputIP1.Show
Unload Me
End If
End Sub

Private Sub cmdCancel_Click()
Unload frmPassword1
End Sub

Private Sub Form_Activate()
txtAdmin.SetFocus
End Sub

Private Sub Form_Load()
Label1.BackColor = &HFF8080
Label2.BackColor = &HFF8080
Label3.BackColor = &HFF8080
cmdOK.BackColor = &HFFC0C0
cmdCancel.BackColor = &HFFC0C0
Me.BackColor = &H80000003
CenterForm Me
error = 0
End Sub

Private Sub txtAdmin_Change()
txtAdmin.FontName = "Arial"
txtAdmin.FontSize = "9"
txtAdmin.ForeColor = &HC00000
End Sub

Private Sub txtPassword_Change()
txtPassword.PasswordChar = "*"
txtPassword.ForeColor = &HC00000
End Sub

Private Sub txtPassword_GotFocus()

```

```

    cmdOK.Default = True
End Sub

```

```

Private Sub txtPassword_LostFocus()
    cmdOK.Default = False
End Sub

```

FORM INPUT IP ADDRESS

```

Public cn As ADODB.Connection
Public rs As ADODB.Recordset
Public rs1 As ADODB.Recordset
Public rs2 As ADODB.Recordset

```

```

Private Sub cmdCancel_Click()
Unload frmInputIP1
End Sub

```

```

Private Sub cmdNext_Click()
For i = txtstart14.Text To txtend14.Text
    rs.AddNew
    rs(0) = Trim(txtstart11.Text) & "." & Trim(txtstart12.Text) &
"." & Trim(txtstart13.Text) & "." & i
    rs(3) = "0"
    If i >= Val(txtexcs14.Text) And i <= Val(txtexcel4.Text) Then
        rs(3) = "1"
    Else
        rs(3) = "0"
    End If
    rs.Update
Next i
Load frmSubnet1
frmSubnet1.Show
Unload frmInputIP1
End Sub

```

```

Private Sub Form_Activate()
Label6.BackColor = &HFFFF&
Label7.BackColor = &HFFFF&
Label8.BackColor = &HFFFF&
Frame1.BackColor = &HFF8080
Frame2.BackColor = &HFF8080

```

```

txtstart11.SetFocus
cmdBack.Enabled = False
End Sub

```

```

Private Sub Form_Load()
CenterForm Me

```

```

Set cn = New ADODB.Connection
cn.Provider = "Microsoft.Jet.OLEDB.4.0"
cn.CursorLocation = adUseClient

```

```

cn.Open App.Path & "\Dataku.mdb"

```

```

Set rs = New ADODB.Recordset
rs.Open "Select * from IPServer1", cn, adOpenDynamic,
adLockOptimistic
If rs.RecordCount > 0 Then
    Set rs1 = New ADODB.Recordset
    rs1.Open "Delete * from IPServer1", cn, adOpenDynamic,
adLockOptimistic
End If

End Sub
Private Sub txtend14_LostFocus()
Dim error3
Dim i As Integer
If txtend14.Text <> "" Then
    If Val(txtend14.Text) <= Val(txtstart14.Text) Then
        error3 = MsgBox("Nilai yang anda masukkan salah, End IP
Address harus lebih besar dari Start IP Address, ulangi lagi!",
vbInformation + vbOKOnly, "Wrong input IP Address")
        txtend14.SetFocus
        txtend14.Text = ""
        Exit Sub
    End If
Else
    Exit Sub
End If
End Sub

Private Sub txtexcel14_LostFocus()
Dim error2, error22
If txtexcel14.Text <> "" Then
    If Val(txtexcel14.Text) <= Val(txtexcs14.Text) Then
        error2 = MsgBox("Nilai yang anda masukkan salah, IP
Address Exclusion harus berada dalam range IP Address, ulangi
lagi!", vbOKOnly, "Wrong input IP Address")
        txtexcel14.SetFocus
        txtexcel14.Text = ""
        Exit Sub
    End If
    If Val(txtexcel14.Text) < Val(txtstart14.Text) Or
Val(txtexcel14.Text) > Val(txtend14.Text) Then
        error22 = MsgBox("Nilai yang anda masukkan salah, IP Address
Exclusion harus berada dalam range IP Address, ulangi lagi!",
vbOKOnly, "Wrong input IP Address")
        txtexcel14.SetFocus
        txtexcel14.Text = ""
        Exit Sub
    End If
Else
    Exit Sub
End If
End Sub

Private Sub txtexcs14_LostFocus()
Dim error22
If txtexcs14.Text <> "" Then

```

```

        txtstart13.SetFocus
    End If

End Sub

Private Sub txtstart12_LostFocus()
    txtend12.Text = txtstart12.Text
    txtexcs12.Text = txtstart12.Text
    txtexcel2.Text = txtstart12.Text
End Sub

Private Sub txtstart13_Change()
    If Len(Trim(txtstart13)) < 1 Then
        Exit Sub
    Else
        txtstart14.SetFocus
    End If
End Sub

Private Sub txtstart13_LostFocus()
    txtend13.Text = txtstart13.Text
    txtexcs13.Text = txtstart13.Text
    txtexcel3.Text = txtstart13.Text
End Sub

Private Sub txtstart14_Change()
    If Len(Trim(txtstart14)) < 2 Then
        Exit Sub
    Else
        txtend14.SetFocus
    End If
End Sub

Private Sub txtstart14_LostFocus()
    Dim error14
    If txtstart14.Text <> "" Then
        Dim x As String
        Dim y As String
        Set rs2 = New ADODB.Recordset
        rs2.Open "Select * from IPserver2"; cn, adOpenDynamic,
        adLockOptimistic

        If rs2.RecordCount <> 0 Then
            rs2.MoveFirst
            a = Mid(rs2(0), 11)
            x = a
            rs2.MoveLast
            a = Mid(rs2(0), 11)
            y = -a
            If Val(txtstart14.Text) >= Val(x) And Val(txtstart14.Text)
            <= Val(y) Then
                error14 = MsgBox("Nilai yang anda masukkan salah,
                range IP Address server 1 harus berada di luar range server 2,
                ulangi lagi!", vbOKOnly, "Wrong input IP Address")
                txtstart14.Text = ""
                txtstart14.SetFocus
            End If
        End If
    End If
End Sub

```

```

    If Val(txtexcs14.Text) < Val(txtstart14.Text) Or
    Val(txtexcs14.Text) >= Val(txtend14.Text) Then
        error22 = MsgBox("Nilai yang anda masukkan salah, IP
        Address Exclusion harus berada dalam range IP Address, ulangi
        lagi!", vbOKOnly, "Wrong input IP Address")
        txtexcs14.SetFocus
        txtexcs14.Text = ""
    Exit Sub
    End If
Else
    Exit Sub
End If
End Sub

```

```

Private Sub txtstart11_LostFocus()
    txtend11.Text = txtstart11.Text
    txtexcs11.Text = txtstart11.Text
    txtexcel11.Text = txtstart11.Text
End Sub

```

```

Private Sub txtend14_Change()
    If Len(Trim(txtend14.Text)) < 2 Then
        Exit Sub
    Else
        txtexcs14.SetFocus
    End If
End Sub

```

```

Private Sub txtexce14_Change()
    If Len(Trim(txtexce14)) < 2 Then
        Exit Sub
    Else
        cmdNext.SetFocus
    End If
End Sub

```

```

Private Sub txtexcs14_Change()
    If Len(Trim(txtexcs14.Text)) < 2 Then
        Exit Sub
    Else
        txtexce14.SetFocus
    End If
End Sub

```

```

Private Sub txtstart11_Change()
    If Len(Trim(txtstart11)) < 3 Then
        Exit Sub
    Else
        txtstart12.SetFocus
    End If
End Sub

```

```

Private Sub txtstart12_Change()
    If Len(Trim(txtstart12)) < 3 Then
        Exit Sub
    Else

```

```

        Exit Sub
    End If
End If
Else
    Exit Sub
End If
End Sub

```

FORM INPUT SUBNET MASK & LEASE TIME

```

Public cn As ADODB.Connection
Public rs As ADODB.Recordset

Private Sub cmdBack_Click()
    Load frmInputIP1
    frmInputIP1.Show
    Unload frmSubnet1
End Sub

Private Sub cmdFinish_Click()
    Set rs = New ADODB.Recordset
    rs.Open "Select * from IPServer1", cn, adOpenDynamic,
    adLockOptimistic

    rs.MoveFirst
    For i = 0 To rs.RecordCount

        rs(1) = Trim(txtSubnet11.Text) & "." & Trim(txtSubnet12.Text)
        & "." & Trim(txtSubnet13.Text) & "." & Trim(txtSubnet14.Text)

        If optLimited1.Value = True Then
            rs(2) = Trim(txtDays1.Text) & " hari " &
            Trim(txtHour1.Text) & " jam " & Trim(txtMinutel.Text) & " menit
            "
        Else
            rs(2) = "Unlimited"
        End If

        rs.Update
        rs.MoveNext
    If rs.EOF Then
        Exit For
    End If
    Next

    Unload frmSubnet1
End Sub

```

```

Private Sub Form_Activate()
    Label6.BackColor = &HFFFF&
    Label7.BackColor = &HFFFF&
    Label8.BackColor = &HFFFF&
    Frame1.BackColor = &HFF8080

```

```

optLimited1.BackColor = &HFF8080
optUnlimited1.BackColor = &HFF8080
txtSubnet11.SetFocus
End Sub

Private Sub Form_Load()
CenterForm Me
Set cn = New ADODB.Connection
cn.Provider = "Microsoft.Jet.OLEDB.4.0"
cn.CursorLocation = adUseClient
cn.Open App.Path & "\Dataku.mdb"

Set rs = New ADODB.Recordset
rs.Open "Select * from IPServer1", cn, adOpenDynamic,
adLockOptimistic
End Sub

Private Sub txtDays1_Change()
If Len(Trim(txtDays1.Text)) < 0 Then
Exit Sub
Else
txtHour1.SetFocus
End If
End Sub

Private Sub txtHour1_Change()
If Len(Trim(txtHour1.Text)) < 0 Then
Exit Sub
Else
txtMinutel.SetFocus
End If
End Sub

Private Sub txtMinutel_Change()
If Len(Trim(txtMinutel.Text)) < 0 Then
Exit Sub
Else
cmdFinish.SetFocus
End If
End Sub

Private Sub txtSubnet11_Change()
If Len(Trim(txtSubnet11.Text)) < 3 Then
Exit Sub
Else
txtSubnet12.SetFocus
End If
End Sub

Private Sub txtSubnet12_Change()
If Len(Trim(txtSubnet12.Text)) < 3 Then
Exit Sub
Else
txtSubnet13.SetFocus
End If
End Sub

```



```

Private Sub txtSubnet13_Change()
If Len(Trim(txtSubnet13.Text)) < 3 Then
Exit Sub
Else
txtSubnet14.SetFocus
End If
End Sub

Private Sub txtSubnet14_Change()
If Len(Trim(txtSubnet14.Text)) < 0 Then
Exit Sub
Else
optUnlimited1.SetFocus
End If
End Sub

```

FORM PILIH SERVER SHOW IP ADDRESS

```

Private Sub cmdOK_Click()
If optServer1.Value = True Then
Load frmShowIP1
Else
Load frmShowIP2
End If
Unload Me
End Sub

Private Sub Form_Load()
Me.BackColor = &HFF8080
cmdOK.BackColor = &HC000C0
optServer1.BackColor = &HFFC0C0
optServer1.BackColor = &HFFC0C0
CenterForm Me
End Sub

```

FORM SHOW IP ADDRESS

```

Public cn As ADODB.Connection
Public rs As ADODB.Recordset

```

```

Private Sub cmdOK_Click()
Unload Me
End Sub

```

```

Private Sub Form_Activate()
cmdOK.SetFocus
End Sub

```

```

Private Sub Form_Load()
CenterForm Me

```

```

Set cn = New ADODB.Connection
cn.Provider = "Microsoft.Jet.OLEDB.4.0"
cn.CursorLocation = adUseClient

cn.Open App.Path & "\Dataku.mdb"
Set rs = New ADODB.Recordset
rs.Open "Select * from IPServer1", cn, adOpenDynamic,
adLockOptimistic
Set DataGrid1.DataSource = rs
End Sub

```

FORM PILIH SERVER DELETE SCOPE

```

Public cn As ADODB.Connection
Public rsDelete1 As ADODB.Recordset
Public rsDelete2 As ADODB.Recordset

Private Sub cmdOK_Click()
Dim del1, del2, del11, del22
If optServer1.Value = True Then
    del1 = MsgBox("Apakah anda yakin akan menghapus scope server
1?", vbQuestion + vbOKCancel, "Delete Scope")
    If del1 = vbOK Then
        Set rsDelete1 = New ADODB.Recordset
        rsDelete1.Open "Delete * from IPServer1", cn,
adOpenDynamic, adLockOptimistic
        del11 = MsgBox("Scope server 1 telah terhapus",
vbInformation + vbOKOnly, "Scope deleted")
    Else
        Cancel = 1
    End If
Else
    del2 = MsgBox("Apakah anda yakin akan menghapus scope server
2?", vbQuestion + vbOKCancel, "Delete Scope")
    If del2 = vbOK Then
        Set rsDelete2 = New ADODB.Recordset
        rsDelete2.Open "Delete * from IPServer2", cn,
adOpenDynamic, adLockOptimistic
        del22 = MsgBox("Scope server 2 telah terhapus",
vbInformation + vbOKOnly, "Scope deleted")
    Else
        Cancel = 1
    End If
End If
Unload frmDelete
End Sub

```

```

Private Sub Form_Load()
CenterForm Me
Me.BackColor = &HFF8080
Set cn = New ADODB.Connection
cn.Provider = "Microsoft.Jet.OLEDB.4.0"
cn.CursorLocation = adUseClient
cn.Open App.Path & "\Dataku.mdb"
End Sub

```

LAMPIRAN 2

PANDUAN INSTALASI

I. PENDAHULUAN

Perangkat lunak simulasi DHCP adalah sebuah perangkat lunak yang menggambarkan bagaimana mekanisme kerja server DHCP dalam memberikan *IP address* kepada klien secara otomatis. DHCP adalah sebuah protokol TCP/IP yang berada pada layer aplikasi yang dapat mengalokasikan *IP address* kepada klien secara otomatis tanpa harus mengkonfigurasikannya secara manual.

Tujuan pembuatan panduan instalasi ini adalah untuk memudahkan pemakai dalam menjalankan perangkat lunak simulasi DHCP ini.

II. SPESIFIKASI PERANGKAT KERAS

Spesifikasi perangkat keras (*hardware*) yang diperlukan untuk menjalankan perangkat lunak simulasi DHCP adalah :

- a. Processor minimal Intel Pentium II atau AMD 1600
- b. Memori dengan kecepatan minimal 32 MB
- c. Harddisk kapasitas 10 GB

III. SPESIFIKASI PERANGKAT LUNAK

Spesifikasi perangkat lunak minimal yang diperlukan untuk menjalankan perangkat lunak simulasi DHCP adalah :

Sistem operasi : Microsoft Windows 98

IV. INSTALASI PROGRAM

Setelah spesifikasi perangkat keras dan perangkat lunak terpenuhi, maka proses instalasi dapat dilakukan. Proses instalasi dimulai dengan memasukkan CD program ke dalam CD-ROM drive. Langkah-langkah instalasinya adalah sebagai berikut :

1. Buka Windows Explorer atau dengan menekan tombol Windows + E
2. Klik pada CD-ROM drive.
3. Klik folder **“Setup”** dan double klik file **“setup.exe”**.
4. Klik tombol OK untuk memulai proses instalasi.
5. Berikutnya proses akan menanyakan lokasi penginstalan. Lokasi defaultnya adalah C:\Program Files\DHCP. Klik button bergambar komputer untuk melanjutkan proses instalasi.
6. Proses akan menanyakan nama item dan group hasil instalasi pada Start menu, klik continue untuk melanjutkan proses instalasi.
7. Tunggu sampai proses pengkopian file selesai dilakukan.
8. Proses instalasi telah selesai dilakukan.

PANDUAN PENGGUNAAN

Berikut ini adalah panduan dalam pengoperasian perangkat lunak simulasi DHCP:

1. Klik tombol Start, Programs, pilih menu DHCP Simulation Program.
2. Pada saat pertama kali program dijalankan, muncul form selamat datang yang menginformasikan apa dan bagaimana protokol DHCP itu. Klik OK untuk masuk ke menu utama.
3. Terdapat empat buah menu utama, yaitu File, View, Action dan About.
4. Sebelum menjalankan simulasi DHCP, terlebih dahulu harus dibuat scope *IP address* dalam server DHCP. Caranya dengan mengklik menu *Action > Create New Scope*.
5. Akan muncul form pilihan server mana yang akan dibuat scope. Pilih salah satu server.
6. Selanjutnya akan muncul form *password* yang berisi nama admin dan *password*. Isikan "Joe" untuk nama admin dan "joe" untuk kotak *password*. Pengetikan nama dan *password* harus diperhatikan huruf besar dan kecilnya.
7. Setelah itu akan muncul form input *IP address*. Isikan range *IP address* sesuai dengan kebutuhan. Dalam hal ini kelas *IP address* yang digunakan adalah kelas C. Pada *frame IP address range*, isikan pada *Start IP address* dan *End IP address* sedangkan nilai *IP address* pada *frame IP address Exclusion* harus berada dalam *IP address range*.
8. Klik tombol Next dan form yang aktif adalah form subnet mask. Isikan *subnet mask* jaringan kelas C, yaitu 255.255.255.0
9. Isikan juga pada *frame lease time* masa sewa *IP address*. Terdapat dua pilihan, yaitu:

- a. *Unlimited*, apabila masa sewanya tidak terbatas
 - b. *Limited*, apabila masa sewanya terbatas. Isikan masa sewa *IP address* dalam *text box day, hour* dan *minute*.
10. Klik tombol *Finish* dan proses penginputan telah selesai dilakukan.
 11. Ulangi langkah 5 untuk membuat *scope* pada server 2.
 12. Untuk melihat simulasi DHCP, klik menu *View > Simulation* atau dengan mengklik *icon* pertama yang ada pada *toolbar*.
 13. Untuk melihat proses klien dalam mendapatkan *IP address* dari server DHCP, klik 1x pada masing-masing gambar komputer. Kemudian akan muncul animasi garis yang menunjukkan perjalanan paket data. Setelah proses selesai, klien akan mendapatkan *IP address* dari server sesuai dengan jaringan dimana ia berada.
 14. *IP address* klien akan berubah ketika komputer dimatikan. Untuk mematikan komputer, klik 2x pada gambar komputer dan akan muncul kotak dialog konfirmasi apakah akan mematikan komputer, klik *Yes*. Komputer akan kembali berwarna hitam menunjukkan bahwa komputer sudah mati.
 15. *IP address* yang tidak terpakai bebas dipakai oleh klien lain dalam jaringan.
 16. Apabila ingin melihat detail proses pada sebuah klien dalam mendapatkan *IP address* dari server DHCP, klik menu *View > Show Process*. Akan muncul form *DHCP Process*, klik *Play* untuk memulai animasi proses.
 17. Untuk melihat *scope* yang telah dibuat, klik menu *Action > Show IP Address* dan akan muncul pilihan server. Klik pada salah satu pilihan server.
 18. Untuk mengkonfigurasi ulang *scope*, klik menu *Action > Delete Scope* dan akan muncul pilihan server. Pilih salah satu server sesuai keinginan. Akan muncul kotak dialog konfirmasi apakah benar-benar akan menghapus *scope*. Klik *Yes*, maka *scope* akan terhapus.
 19. Apabila terdapat kesulitan dalam memahami DHCP maupun pengoperasian program, klik menu *About > Help*.
 20. Apabila ingin keluar dari program, klik menu *File > Exit*, akan muncul kotak dialog konfirmasi apakah benar-benar akan keluar dari program. klik *Yes* untuk keluar dari program.