\***Listing Login**

Option Explicit

Dim rsDataUser As ADODB.Recordset

Dim lPeriksa As Boolean

Private Sub cmdbatal\_Click()

End

End Sub

Private Sub cmdLogin\_Click()

If Trim(TDBText2.Text) = "" And Trim(TDBText1.Text) <> "" Then

MsgBox "Maaf, Password belum di Isi...!", vbCritical, "Peringatan"

Exit Sub

End If

If lPeriksa = True Then

If xPass = Trim(TDBText2.Text) Then 'jika ketemu

'cek user aktif

If Trim(TDBText1.Text) = mUser\_Id Then

MsgBox "Maaf, Anda Sudah Login sebelumnya...!", vbCritical, "Peringatan"

End

End If

Set rsDataUser = New ADODB.Recordset

rsDataUser.Open "Select \* From DataUser Where UserId = '" & Trim(TDBText1.Text) & "'", KoneksiDb, adOpenKeyset, adLockOptimistic

If rsDataUser.RecordCount > 0 Then 'jika ketemu

If mComputerName <> rsDataUser.Fields("ComputerName") And \_

Format(Date, "yyyy-mm-dd") = Format(rsDataUser.Fields("Login"), "yyyy-mm-dd") \_

And rsDataUser.Fields("ComputerName") <> "" Then

MsgBox "Maaf, Anda Sudah Login di komputer " & rsDataUser.Fields("ComputerName") & " sebelumnya...!", vbCritical, "Peringatan"

Exit Sub

End If

End If

mUser\_Id = Trim(TDBText1.Text)

mIPAddress = GetIPAddress 'jd cukup panggil 1 kali saja disini

'proses logout dl disini

Set rsDataUser = New ADODB.Recordset

rsDataUser.Open "Select \* From DataUser Where UserId = '" & mUser\_Id & "'", KoneksiDb, adOpenKeyset, adLockOptimistic

If rsDataUser.RecordCount > 0 Then 'jika ketemu

rsDataUser.Fields("LogOut") = Now

rsDataUser.Update

End If

'update jam login

'mMenuAkses=trim(.....

Set rsDataUser = New ADODB.Recordset

'cari data DataUser bdasarakan tdbtex1

rsDataUser.Open "Select \* From DataUser Where UserId = '" & Trim(TDBText1.Text) & "'", KoneksiDb, adOpenKeyset, adLockOptimistic

If rsDataUser.RecordCount > 0 Then 'jika ketemu

xUserLevel = Trim(rsDataUser.Fields("UserLevel"))

'mMenuAkses = "" & Trim(rsDataUser.Fields("MenuAkses"))

rsDataUser.Fields("Login") = Now

rsDataUser.Fields("ComputerName") = mComputerName

rsDataUser.Fields("IPAddress") = mIPAddress

rsDataUser.Update

End If

frmMenu.Show

If xUserLevel = "Admin" Or xUserLevel = "Supervisor" Then

frmMenu.mnMaster.Enabled = True

frmMenu.mnProses.Enabled = True

frmMenu.mnLaporan.Enabled = True

frmMenu.mnUtility.Enabled = True

frmMenu.mnBackupDb.Enabled = True

frmMenu.mnRestoreDb.Enabled = True

Else

frmMenu.mnMaster.Enabled = False

frmMenu.mnProses.Enabled = True

frmMenu.mnLaporan.Enabled = True

frmMenu.mnUtility.Enabled = True

frmMenu.mnBackupDb.Enabled = False

frmMenu.mnRestoreDb.Enabled = False

End If

frmMenu.stsBar.Panels(2).Text = "User : " & Trim(rsDataUser.Fields("UserName"))

frmMenu.stsBar.Panels(3).Text = "Level : " & Trim(rsDataUser.Fields("UserLevel"))

Unload Me

Else

MsgBox "Maaf, Password salah...!", vbCritical, "Peringatan"

TDBText2.Text = ""

TDBText2.SetFocus 'memindahkan posisi cursor pada tdbtext2

Exit Sub

End If

End If

End Sub

Private Sub Form\_Load()

Call OpenDatabase

cmdLogin.Enabled = False

End Sub

Private Sub TDBText1\_LostFocus()

If Trim(TDBText1.Text) = "" Then

Exit Sub

End If

Set rsDataUser = New ADODB.Recordset

'cari data DataUser bdasarakan tdbtex1

rsDataUser.Open "Select \* From DataUser Where UserId = '" & TDBText1.Text & "'", KoneksiDb, adOpenKeyset, adLockOptimistic

If rsDataUser.RecordCount > 0 Then 'jika ketemu

xPass = DecryptPass(rsDataUser.Fields("UserPassword"))

cmdLogin.Enabled = True

lPeriksa = True

Else

MsgBox "Maaf, User Id Tidak Dikenal...!", vbCritical, "Peringatan"

TDBText1.Text = ""

TDBText1.SetFocus 'memindahkan posisi cursor pada tdbtext2

lPeriksa = False

Exit Sub

End If

End Sub

\***Listing Menu**

Private Sub TDBText2\_LostFocus()

cmdLogin\_Click

End Sub

Private m\_strFullCaption As String

Private m\_strCurrentCaption As String

Private m\_ynLeftRight As Boolean

Private Sub cmdBobotSubKriteria\_Click()

frmSubKriteria.Show 1

End Sub

Private Sub cmdGuru\_Click()

frmGuru.Show 1

End Sub

Private Sub cmdkeluar\_Click()

If MsgBox("Yakin Ingin Keluar dari Program...?", vbQuestion + vbYesNo, "Konfirmasi") = vbYes Then

End

End If

End Sub

Private Sub cmdKriteria\_Click()

frmKriteria.Show 1

End Sub

Private Sub cmdLapGuru\_Click()

frmLapGuru.Show 1

End Sub

Private Sub cmdLapKriteria\_Click()

frmLapKriteria.Show 1

End Sub

Private Sub cmdLapPerangkingan\_Click()

frmLapPerhitungan.Show 1

End Sub

Private Sub cmdPenilaian\_Click()

frmPenilaian.Show 1

End Sub

Private Sub cmdPerangkingan\_Click()

frmPerangkingan.Show 1

End Sub

Private Sub cmdTingkatPdd\_Click()

frmTingkat\_Pdd.Show 1

End Sub

Private Sub cmdVektorS\_Click()

frmVektorS.Show 1

End Sub

Private Sub cmdVektorV\_Click()

frmVektorV.Show 1

End Sub

Private Sub Form\_Load()

Dim nLebarLayar As Integer

Dim nTinggiLayar As Integer

nTinggiLayar = Screen.Height / Screen.TwipsPerPixelY 'mencari tinggi resolusi monitor

nLebarLayar = Screen.Width / Screen.TwipsPerPixelX 'mencari lebar resoulis monitor

Frame1.Width = Screen.Width

If Not Dir(mPath & "PICTURE\" & "Latar-" & nLebarLayar & ".jpg") = "" Then 'cari nama file wallpaper sesuai lebar resolusi

frmMenu.Picture = LoadPicture(mPath & "PICTURE\" & "Latar-" & nLebarLayar & ".jpg")

End If

frmMenu.Caption = "Sistem Pendukung Keputusan Seleksi Sertifikasi Guru"

mCaption = frmMenu.Caption

xCaption = frmMenu.Caption

m\_strFullCaption = Me.Caption

Me.Caption = ""

m\_strCurrentCaption = ""

m\_ynLeftRight = True

stsBar.Panels(1).Text = "Copyright : By Misna Abdullah"

stsBar.Panels(1).Width = 6000

stsBar.Panels(2).Text = "User : "

stsBar.Panels(2).Width = 4500

stsBar.Panels(3).Text = "Level : "

stsBar.Panels(3).Width = 4600

stsBar.Panels(4).Text = Format(Date, "Dddd, dd Mmmm yyyy")

stsBar.Panels(4).Width = 3000

stsBar.Panels(5).Text = Format(Time, "hh:mm:ss") & " Wita"

stsBar.Panels(5).Width = 2000

End Sub

Private Sub mnBackupDb\_Click()

frmBackup.Show 1

End Sub

Private Sub mnGuru\_Click()

frmGuru.Show 1

End Sub

Private Sub mnHasilRangking\_Click()

frmPerangkingan.Show 1

End Sub

Private Sub mnKeluar\_Click()

If MsgBox("Yakin Ingin Keluar dari Program...?", vbQuestion + vbYesNo, "Konfirmasi") = vbYes Then

End

End If

End Sub

Private Sub mnKriteria\_Click()

frmKriteria.Show 1

End Sub

Private Sub mnLapGuru\_Click()

frmLapGuru.Show 1

End Sub

Private Sub mnLapHasilRangking\_Click()

frmLapPerhitungan.Show 1

End Sub

Private Sub mnLapKriteria\_Click()

frmLapKriteria.Show 1

End Sub

Private Sub mnLapPemohon\_Click()

frmLapPemohon.Show 1

End Sub

Private Sub mnPenilai\_Click()

frmPenilai.Show 1

End Sub

Private Sub mnPenilaian\_Click()

frmPenilaian.Show 1

End Sub

Private Sub mnRestoreDb\_Click()

frmRestore.Show 1

End Sub

Private Sub mnSettingDb\_Click()

frmSettingDatabase.Show 1

End Sub

Private Sub mnSubKriteria\_Click()

frmSubKriteria.Show 1

End Sub

Private Sub mnTingkatPdd\_Click()

frmTingkat\_Pdd.Show 1

End Sub

Private Sub mnUser\_Click()

frmDataUser.Show 1

End Sub

Private Sub mnVektorS\_Click()

frmVektorS.Show 1

End Sub

Private Sub mnVektorV\_Click()

frmVektorV.Show 1

End Sub

Private Sub Timer1\_Timer()

On Error Resume Next

If m\_ynLeftRight Then

If Len(m\_strCurrentCaption) < Len(m\_strFullCaption) Then

m\_strCurrentCaption = Left(m\_strFullCaption, Len(m\_strCurrentCaption) + 1)

Me.Caption = m\_strCurrentCaption

Else

m\_ynLeftRight = Not m\_ynLeftRight

End If

Else

If Len(m\_strCurrentCaption) > 0 Then

m\_strCurrentCaption = Right(m\_strFullCaption, Len(m\_strCurrentCaption) - 1)

Me.Caption = m\_strCurrentCaption

Else

m\_ynLeftRight = Not m\_ynLeftRight

End If

End If

End Sub

Private Sub Timer2\_Timer()

stsBar.Panels(5).Text = Format(Time, "hh:mm:ss") & " Wita"

End Sub

Listing Data Penilaian

Option Explicit 'agar semua variabel wajib didefiniskan terlebih dahulu

Dim rsPejabat As ADODB.Recordset

Dim rsRegister As ADODB.Recordset

Dim tblEdit As Boolean

Dim OldColIndex As Long

Private Sub cmdBaru\_Click()

isi\_DataBaru

txtId.SetFocus

End Sub

Private Sub cboStatus\_KeyPress(KeyAscii As Integer)

TekanENTER KeyAscii

End Sub

Private Sub CmdHapus\_Click()

Set rsPejabat = New ADODB.Recordset

rsPejabat.Open "Select \* From Pejabat Where Id\_Pejabat = '" & txtId.Text & "'", KoneksiDb, adOpenKeyset, adLockOptimistic

If rsPejabat.RecordCount > 0 Then

If MsgBox("Yakin Anda Ingin Hapus ???", vbYesNo + vbQuestion + vbDefaultButton2, "Konfirmasi") = vbYes Then

rsPejabat.Delete

End If

End If

isi\_DataBaru

txtId.Text = ""

TidakSiapisi

cmdsimpan.Caption = "&Tambah"

cmdkeluar.Caption = "&Keluar"

End Sub

Private Sub cmdkeluar\_Click()

If cmdkeluar.Caption = "&Keluar" Then

Unload Me

Else

isi\_DataBaru

TidakSiapisi

txtId.Text = ""

cmdsimpan.Caption = "&Tambah"

cmdkeluar.Caption = "&Keluar"

End If

End Sub

Private Sub cmdsimpan\_Click()

Dim mSql As String

If cmdsimpan.Caption = "&Tambah" Then

isi\_DataBaru

' AturNomor

txtId.Enabled = True

txtId.SetFocus

cmdsimpan.Caption = "&Simpan"

cmdkeluar.Caption = "&Batal"

Exit Sub

End If

If Trim(txtId.Text) = "" Then

MsgBox "Id Pejabat belum diisi...!", vbCritical, "Peringatan"

txtId.SetFocus 'memindahkan posisi cursor pada txtId

Exit Sub

End If

If Trim(txtNama.Text) = "" Then

MsgBox "Nama Pejabat belum diisi...!", vbCritical, "Peringatan"

txtNama.SetFocus 'memindahkan posisi cursor pada txtNama

Exit Sub

End If

If txtJabatan.Text = "" Then

MsgBox "Jabatan Belum Diisi...!", vbCritical, "Peringatan"

txtJabatan.SetFocus

Exit Sub

End If

If cboStatus.Text = "" Then

MsgBox "Status Belum Dipilih...!", vbCritical, "Peringatan"

cboStatus.SetFocus

Exit Sub

End If

Set rsPejabat = New ADODB.Recordset

rsPejabat.Open "Select \* From Pejabat Where Id\_Pejabat = '" & txtId.Text & "' ", KoneksiDb, adOpenKeyset, adLockOptimistic

If rsPejabat.RecordCount = 0 Then

mSql = "INSERT INTO Pejabat(Id\_Pejabat,Nama,Jabatan,Status) " & \_

"Values('" & txtId.Text & "','" & txtNama.Text & "','" & txtJabatan.Text & "','" & cboStatus & "')"

Else

mSql = "UPDATE Pejabat SET Nama = '" & txtNama.Text & "'," & \_

"Jabatan = '" & txtJabatan.Text & "'," & \_

"Status = '" & cboStatus.Text & "'" & \_

" WHERE Id\_Pejabat = '" & txtId.Text & "'"

End If

Set rsPejabat = New ADODB.Recordset

Debug.Print mSql

rsPejabat.Open mSql, KoneksiDb, adOpenKeyset, adLockOptimistic

isi\_DataBaru

txtId.Text = ""

TidakSiapisi

cmdsimpan.Caption = "&Tambah"

cmdkeluar.Caption = "&Keluar"

End Sub

Private Sub cmdedit\_Click()

cmdedit.Enabled = False

cmdhapus.Enabled = False

txtId.Enabled = False

txtNama.Enabled = True

txtJabatan.Enabled = True

cboStatus.Enabled = True

txtNama.SetFocus

cmdsimpan.Caption = "&Simpan"

cmdkeluar.Caption = "&Batal"

End Sub

Private Sub dKerja\_KeyPress(KeyAscii As Integer)

TekanENTER KeyAscii

End Sub

Private Sub Form\_Load()

Dim aStatus As Variant 'mendifinisikan type data array

Dim I As Integer

aStatus = Array("Aktif", "Keluar") 'mengisi nilai array

cboStatus.Columns(1).Visible = False

For I = 0 To UBound(aStatus) 'looping sbyk panjang array

cboStatus.AddItem (aStatus(I))

Next I

'AturNomor

Isi\_DataGrid

isi\_DataBaru

TidakSiapisi

cmdsimpan.Caption = "&Tambah"

End Sub

Private Sub Grid\_OnInit() 'utk merapikan kolom grid

Grid.Columns("Id\_Pejabat").Caption = "Id Pejabat"

Grid.Columns("Id\_Pejabat").Width = 1200

Grid.Columns("Id\_Pejabat").Alignment = dbgCenter

Grid.Columns("Nama").Caption = "Nama Pejabat"

Grid.Columns("Nama").Width = 2500

Grid.Columns("Jabatan").Caption = "Jabatan"

Grid.Columns("Jabatan").Width = 2500

Grid.Columns("Status").Caption = "Status Kerja"

Grid.Columns("Status").Width = 1000

Grid.HoldFields 'agar kolom tetap sperti smula

Grid.ExtendRightColumn = True 'agar sisi kolom paling kanan keliatan full

Grid.EmptyRows = True 'agar baris keliatan full

Grid.AlternatingRowStyle = True 'agar warna tiap baris bs beda

Grid.OddRowStyle.BackColor = vbWhite 'agar baris genap bwarna putih

Grid.MarqueeStyle = dbgHighlightRow 'agar selector baris menjadi full

Grid.EvenRowStyle.BackColor = vbGreen

Grid.AllowAddNew = False 'agar tdk bs menambah record baru secara lgsg dr grid

Grid.AllowDelete = False 'agar tdk bs menghapus record secara lgsg dr grid

Grid.AllowUpdate = False 'agar tdk bs mengupdate record secara lgsg dr grid

End Sub

Private Sub txtId\_LostFocus()

If Trim(txtId.Text) = "" Then

Exit Sub

End If

Set rsPejabat = New ADODB.Recordset

rsPejabat.Open "Select \* From Pejabat Where Id\_Pejabat = '" & txtId.Text & "'", KoneksiDb, adOpenKeyset, adLockOptimistic

If rsPejabat.RecordCount > 0 Then

tampilkan\_Data

cmdedit.Enabled = True

cmdhapus.Enabled = True

TidakSiapisi

cmdsimpan.Caption = "&Tambah"

cmdkeluar.Caption = "&Batal"

tblEdit = True

Else

isi\_DataBaru

cmdsimpan.Caption = "&Simpan"

cmdkeluar.Caption = "&Batal"

tblEdit = False

End If

End Sub

Private Sub tampilkan\_Data()

txtNama.Text = rsPejabat.Fields("Nama")

txtJabatan.Text = rsPejabat.Fields("Jabatan")

cboStatus.Text = rsPejabat.Fields("Status")

End Sub

Private Sub isi\_DataBaru()

txtNama.Text = ""

txtJabatan.Text = ""

cboStatus.Text = ""

txtId.Enabled = True

cmdhapus.Enabled = False

cmdedit.Enabled = False

txtNama.Enabled = True

txtNama.Enabled = True

txtJabatan.Enabled = True

cboStatus.Enabled = True

cmdsimpan.Caption = "&Tambah"

Isi\_DataGrid

End Sub

Private Sub Isi\_DataGrid()

Set rsPejabat = New ADODB.Recordset

rsPejabat.Open "Select \* From Pejabat order by Id\_Pejabat", KoneksiDb, adOpenKeyset, adLockOptimistic

Set Grid.DataSource = rsPejabat

End Sub

Private Sub TidakSiapisi()

txtId.Enabled = False

txtNama.Enabled = False

txtJabatan.Enabled = False

cboStatus.Enabled = False

End Sub

**\*Listing Data Penilaian Guru**

'Option Explicit 'agar semua variabel wajib didefiniskan terlebih dahulu

Dim rsGuru As ADODB.Recordset 'fungsinya utk membuka area baru utk table databas

Dim rsTingkat As ADODB.Recordset 'fungsinya utk membuka area baru utk table databas

Dim rsPenilaian As ADODB.Recordset

Dim rsKriteria As ADODB.Recordset

Public Ada As Boolean

Public Sql As String

Dim cTingkat, cKode\_Ds As String

Dim cKode\_Cr(10), cKet(10) As String

Dim nBobot(10), nHasil(10) As Single

Private Sub cmdCari\_Click()

Sql = "Select Nama, Nip from Guru where Nama like '%" & txtNama & "%' and Kode\_Tp = '" & cTingkat & "' order by Nama"

Ada = True

txtNip.Text = ""

txtNama.Text = ""

txtAlm.Text = ""

FrmInfo.Caption = " >>> Info Data Guru <<<"

FrmInfo.Show vbModal, Me

Ada = False

txtNip.Text = FrmInfo.Kode

txtNama.Text = FrmInfo.Teks

txtNip\_LostFocus

End Sub

Private Sub cmdCariNip\_Click()

Sql = "Select Nama, Nip from Guru where Nama like '%" & txtNama & "%' and Kode\_Tp = '" & cTingkat & "' order by Nama"

Ada = True

txtNip.Text = ""­

txtNama.Text = ""

txtAlm.Text = ""

FrmInfo.Caption = " >>> Info Data Guru <<<"

FrmInfo.Show vbModal, Me

Ada = False

txtNip.Text = FrmInfo.Kode

txtNama.Text = FrmInfo.Teks

txtNip\_LostFocus

End Sub

Private Sub txtAlm\_KeyPress(KeyAscii As Integer)

If KeyAscii = 13 Then

cboC1.SetFocus

End If

End Sub

Private Sub cboTingkat\_ItemChange()

If Trim(cboTingkat.Text) = cboTingkat.Columns(0) Then

cTingkat = cboTingkat.Columns(1)

Set rsKriteria = New ADODB.Recordset

rsKriteria.Open "Select \* From Kriteria Where Kode\_Tp = '" & cTingkat & "' order by Kode\_Cr", KoneksiDb, adOpenKeyset, adLockOptimistic

If rsKriteria.RecordCount > 0 Then

rsKriteria.MoveFirst

A = 0

Do While Not rsKriteria.EOF

xKriteria(A).Caption = rsKriteria.Fields("Nama\_Cr")

cKode\_Cr(A) = rsKriteria.Fields("Kode\_Cr")

nBobot(A) = rsKriteria.Fields("Perbaikan\_Bobot")

cKet(A) = rsKriteria.Fields("Jenis\_Cr")

rsKriteria.MoveNext

A = A + 1

Loop

End If

End If

Isi\_DataGrid

End Sub

Private Sub cboTingkat\_KeyPress(KeyAscii As Integer)

If KeyAscii = 13 Then

txtNip.Enabled = True

txtNip.SetFocus

End If

End Sub

Private Sub cmdBaru\_Click()

isi\_DataBaru

TidakSiapisi

cboTingkat.Enabled = True

txtNip.Enabled = True

txtNip.Text = ""

txtNip.SetFocus

End Sub

Private Sub CmdHapus\_Click()

Set rsVektorS = New ADODB.Recordset

rsVektorS.Open "Select \* From Vektor\_S Where Nip = '" & txtNip & "' and " & \_

" Kode\_Tp = '" & cTingkat & "' and Periode ='" & txtThn.Text & "'", KoneksiDb, adOpenKeyset, adLockOptimistic

If rsVektorS.RecordCount > 0 Then

MsgBox "Maaf Data Guru Bantuan Tidak Dapat Dihapus...!", vbCritical, "Peringatan"

Else

Set rsRekapNilai = New ADODB.Recordset

rsRekapNilai.Open "Select \* From Rekap\_Nilai Where Nip = '" & txtNip & "' and " & \_

" Kode\_Tp = '" & cTingkat & "' and Periode ='" & txtThn.Text & "'", KoneksiDb, adOpenKeyset, adLockOptimistic

If rsRekapNilai.RecordCount > 0 Then

If MsgBox("Yakin Anda Ingin Hapus ???", vbYesNo + vbQuestion + vbDefaultButton2, "Konfirmasi") = vbYes Then

KoneksiDb.Execute "delete from Rekap\_Nilai where Nip = '" & txtNip & "' and " & \_

"Kode\_Tp ='" & cTingkat & "' and Periode ='" & txtThn.Text & "'"

Set rsPenilaian = New ADODB.Recordset

rsPenilaian.Open "Select \* From Penilaian Where Nip = '" & txtNip & "' and " & \_

" Periode ='" & txtThn.Text & "' and Kode\_Tp ='" & cTingkat & "' ", KoneksiDb, adOpenKeyset, adLockOptimistic

If rsPenilaian.RecordCount > 0 Then

KoneksiDb.Execute "delete from Penilaian where Nip = '" & txtNip & "' and " & \_

"Periode ='" & txtThn.Text & "' and Kode\_Tp ='" & cTingkat & "'"

End If

End If

End If

End If

cmdBaru\_Click

End Sub

Private Sub cmdSelesai\_Click()

Unload Me

End Sub

Private Sub CmdTambah\_Click()

Dim mSql As String

Dim nNIlai(10) As Single

If Trim(txtNip.Text) = "" Then

MsgBox "Kode Guru belum diisi...!", vbCritical, "Peringatan"

txtNip.SetFocus

Exit Sub

End If

If Trim(txtNama.Text) = "" Then

MsgBox "Nama Guru belum diisi...!", vbCritical, "Peringatan"

txtNama.SetFocus

Exit Sub

End If

For A = 0 To 5

If txtNilai(A).Text = Empty Then

MsgBox "Nilai Kriteria belum diisi...!", vbCritical, "Peringatan"

txtNilai(A).SetFocus

Exit Sub

End If

Next A

If MsgBox("Yakin Data Penilaian akan Disimpan...?", vbYesNo + vbQuestion, "Konfirmasi") = vbYes Then

For A = 0 To 5

nNIlai(A) = Replace(txtNilai(A), ",", ".")

Next A

Set rsRekapNilai = New ADODB.Recordset

rsRekapNilai.Open "Select \* From Rekap\_Nilai Where Nip ='" & txtNip.Text & "' and Periode ='" & txtThn.Text & "' " & \_

" and Kode\_Tp = '" & cTingkat & "' ", KoneksiDb, adOpenKeyset, adLockOptimistic

If rsRekapNilai.RecordCount = 0 Then

mSql = "INSERT INTO Rekap\_Nilai(Kode\_Tp,Periode,Nip,Nilai\_C1,Nilai\_C2," & \_

"Nilai\_C3,Nilai\_C4,Nilai\_C5,Nilai\_C6) " & \_

"Values('" & cTingkat & "','" & txtThn.Text & "','" & txtNip & "'," & nNIlai(0) & "," & \_

"" & nNIlai(1) & "," & nNIlai(2) & "," & nNIlai(3) & "," & nNIlai(4) & "," & nNIlai(5) & ")"

Else

mSql = "UPDATE Rekap\_Nilai SET Nilai\_C1 = " & nNIlai(0) & ", " & \_

"Nilai\_C2 = " & nNIlai(1) & ", " & \_

"Nilai\_C3 = " & nNIlai(2) & ", " & \_

"Nilai\_C4 = " & nNIlai(3) & ", " & \_

"Nilai\_C5 = " & nNIlai(4) & ", " & \_

"Nilai\_C6 = " & nNIlai(5) & " " & \_

"WHERE Nip = '" & txtNip & "' and Periode ='" & txtThn.Text & "' and Kode\_Tp = '" & cTingkat & "'"

End If

Set rsRekapNilai = New ADODB.Recordset

Debug.Print mSql

rsRekapNilai.Open mSql, KoneksiDb, adOpenKeyset, adLockOptimistic

For A = 0 To 5

Set rsPenilaian = New ADODB.Recordset

rsPenilaian.Open "Select \* From Penilaian Where Nip ='" & txtNip.Text & "' and Periode ='" & txtThn.Text & "' " & \_

" and Kode\_Cr = '" & cKode\_Cr(A) & "'", KoneksiDb, adOpenKeyset, adLockOptimistic

If rsPenilaian.RecordCount = 0 Then

mSql = "INSERT INTO Penilaian(Kode\_Tp,Periode,Nip,Kode\_Cr,Nilai) " & \_

"Values('" & cTingkat & "','" & txtThn.Text & "','" & txtNip.Text & "','" & cKode\_Cr(A) & "'," & txtNilai(A) & ")"

Else

mSql = "UPDATE Penilaian SET Nilai = " & txtNilai(A) & " " & \_

"WHERE Nip = '" & txtNip.Text & "' and Periode ='" & txtThn.Text & "' and Kode\_Cr = '" & cKode\_Cr(A) & "'"

End If

Set rsPenilaian = New ADODB.Recordset

Debug.Print mSql

rsPenilaian.Open mSql, KoneksiDb, adOpenKeyset, adLockOptimistic

Next A

End If

cmdBaru\_Click

End Sub

Private Sub cmdUbah\_Click()

CmdTambah\_Click

End Sub

Private Sub Form\_Load()

cTingkat = ""

txtThn.Text = Year(Date)

UpDown1.Value = Year(Date)

cboTingkat.Columns(1).Visible = False

Set rsTingkat = New ADODB.Recordset

rsTingkat.Open "Select Tingkat, Kode\_Tp FROM TingkatPendidikan Where Tahun = '" & txtThn.Text & "'", KoneksiDb, adOpenKeyset, adLockOptimistic

Set cboTingkat.DataSource = rsTingkat

Set cboTingkat.RowSource = rsTingkat

cboTingkat.Columns(0).Caption = "Tingkat"

cboTingkat.Columns(0).Width = 3000

cboTingkat.Columns(1).Caption = "Kode TP"

cboTingkat.Columns(1).Width = 1500

Isi\_DataGrid

isi\_DataBaru

TidakSiapisi

End Sub

Private Sub Grid\_DblClick()

'On Error Resume Next

'cKode\_Cr = Grid.Columns(0)

txtNip.Text = Grid.Columns(0)

cboTingkat.Enabled = True

txtNip\_LostFocus

End Sub

Private Sub Grid\_OnInit() 'utk merapikan kolom grid

Grid.Columns("Nip").Caption = "NIP"

Grid.Columns("Nip").Width = 2000

Grid.Columns("Nip").Alignment = dbgCenter

Grid.Columns("Nama").Caption = "Nama Guru"

Grid.Columns("Nama").Width = 2500

Grid.Columns("Asal\_Sekolah").Caption = "Asal\_Sekolah"

Grid.Columns("Asal\_Sekolah").Width = 2500

' Grid.Columns("C1").Caption = "C1"

' Grid.Columns("C1").Width = 500

' Grid.Columns("C1").NumberFormat = "0.#0"

' Grid.Columns("C1").Alignment = dbgCenter

' Grid.Columns("C2").Caption = "C2"

' Grid.Columns("C2").Width = 500

' Grid.Columns("C2").NumberFormat = "0.#0"

' Grid.Columns("C2").Alignment = dbgCenter

' Grid.Columns("C3").Caption = "C3"

' Grid.Columns("C3").Width = 500

' Grid.Columns("C3").NumberFormat = "0.#0"

' Grid.Columns("C3").Alignment = dbgCenter

'

' Grid.Columns("C4").Caption = "C4"

' Grid.Columns("C4").Width = 500

' Grid.Columns("C4").NumberFormat = "0.#0"

' Grid.Columns("C4").Alignment = dbgCenter

'

' Grid.Columns("C5").Caption = "C5"

' Grid.Columns("C5").Width = 500

' Grid.Columns("C5").NumberFormat = "0.#0"

' Grid.Columns("C5").Alignment = dbgCenter

'

' Grid.Columns("C6").Caption = "C6"

' Grid.Columns("C6").Width = 500

' Grid.Columns("C6").NumberFormat = "0.#0"

' Grid.Columns("C6").Alignment = dbgCenter

'

' Grid.Columns("C7").Caption = "C7"

' Grid.Columns("C7").Width = 500

' Grid.Columns("C7").NumberFormat = "0.#0"

' Grid.Columns("C7").Alignment = dbgCenter

'

' Grid.Columns("C8").Caption = "C8"

' Grid.Columns("C8").Width = 500

' Grid.Columns("C8").NumberFormat = "0.#0"

' Grid.Columns("C8").Alignment = dbgCenter

'

' Grid.Columns("C9").Caption = "C9"

' Grid.Columns("C9").Width = 500

' Grid.Columns("C9").NumberFormat = "0.#0"

' Grid.Columns("C9").Alignment = dbgCenter

'

' Grid.Columns("C10").Caption = "C10"

' Grid.Columns("C10").Width = 500

' Grid.Columns("C10").NumberFormat = "0.#0"

' Grid.Columns("C10").Alignment = dbgCenter

'

' Grid.Columns("C11").Caption = "C11"

' Grid.Columns("C11").Width = 500

' Grid.Columns("C11").NumberFormat = "0.#0"

' Grid.Columns("C11").Alignment = dbgCenter

'

' Grid.Columns("C12").Caption = "C12"

' Grid.Columns("C12").Width = 500

' Grid.Columns("C12").NumberFormat = "0.#0"

' Grid.Columns("C12").Alignment = dbgCenter

'

' Grid.Columns("C13").Caption = "C13"

' Grid.Columns("C13").Width = 500

' Grid.Columns("C13").NumberFormat = "0.#0"

' Grid.Columns("C13").Alignment = dbgCenter

'

' Grid.Columns("C14").Caption = "C14"

' Grid.Columns("C14").Width = 500

' Grid.Columns("C14").NumberFormat = "0.#0"

' Grid.Columns("C14").Alignment = dbgCenter

Grid.HoldFields 'agar kolom tetap sperti smula

Grid.ExtendRightColumn = True 'agar sisi kolom paling kanan keliatan full

Grid.EmptyRows = True 'agar baris keliatan full

Grid.AlternatingRowStyle = True 'agar warna tiap baris bs beda

Grid.OddRowStyle.BackColor = vbWhite 'agar baris genap bwarna putih

Grid.MarqueeStyle = dbgHighlightRow 'agar selector baris menjadi full

Grid.EvenRowStyle.BackColor = vbYellow

Grid.AllowAddNew = False 'agar tdk bs menambah record baru secara lgsg dr grid

Grid.AllowDelete = False 'agar tdk bs menghapus record secara lgsg dr grid

Grid.AllowUpdate = False 'agar tdk bs mengupdate record secara lgsg dr grid

End Sub

Private Sub txtNip1\_LostFocus() 'utk cek isi tdbtext1 saat meninggalkan tdbtext1

If Trim(txtNip.Text) = "" Then

Exit Sub

End If

Set rsGuru = New ADODB.Recordset

rsGuru.Open "Select \* From Guru Where Nip = '" & txtNip & "'", KoneksiDb, adOpenKeyset, adLockOptimistic

If rsGuru.RecordCount > 0 Then

txtNama.Text = rsGuru.Fields("Nama\_Guru")

txtAlm.Text = rsGuru.Fields("Asal\_Sekolah")

End If

Set rsRekapNilai = New ADODB.Recordset

rsRekapNilai.Open "Select \* From Rekap\_Nilai Where Nip = '" & txtNip & "' " & \_

" and Periode = '" & txtThn.Text & "' and Kode\_Tp = '" & cTingkat & "'", KoneksiDb, adOpenKeyset, adLockOptimistic

If rsRekapNilai.RecordCount > 0 Then

tampilkan\_Data

SiapIsi

cmdUbah.Enabled = True

CmdTambah.Enabled = False

CmdHapus.Enabled = True

cboTingkat.Enabled = False

txtNip.Enabled = False

Else

isi\_DataBaru

SiapIsi

txtNama.SetFocus

CmdTambah.Enabled = True

End If

End Sub

Private Sub tampilkanGuru()

End Sub

Private Sub tampilkan\_Data()

Set rsNilai = New ADODB.Recordset

rsNilai.Open "Select \* From Penilaian Where Nip = '" & txtNip & "' " & \_

" and Periode = '" & txtThn.Text & "' and Kode\_Tp = '" & cTingkat & "' order by Kode\_Cr", KoneksiDb, adOpenKeyset, adLockOptimistic

If rsNilai.RecordCount > 0 Then

rsNilai.MoveFirst

A = 0

Do While Not rsNilai.EOF

txtNilai(A).Value = rsNilai.Fields("Nilai")

rsNilai.MoveNext

A = A + 1

Loop

End If

End Sub

Private Sub isi\_DataBaru()

txtNama.Text = ""

txtAlm.Text = ""

For A = 0 To 5

txtNilai(A).Text = ""

Next A

CmdTambah.Caption = "&Simpan"

Isi\_DataGrid

CmdHapus.Enabled = False

cmdUbah.Enabled = False

End Sub

Private Sub TidakSiapisi()

CmdHapus.Enabled = False

cmdUbah.Enabled = False

CmdTambah.Enabled = False

txtNama.Enabled = False

txtAlm.Enabled = False

For A = 0 To 5

txtNilai(A).Enabled = False

Next A

End Sub

Private Sub SiapIsi()

txtNama.Enabled = True

txtAlm.Enabled = True

For A = 0 To 5

txtNilai(A).Enabled = True

Next A

End Sub

Private Sub Isi\_DataGrid()

Set rsGuru = New ADODB.Recordset

rsGuru.Open "Select A.Nip,B.Nama,B.Asal\_Sekolah,A.Nilai\_C1,A.Nilai\_C2,A.Nilai\_C3, " & \_

"A.Nilai\_C4,A.Nilai\_C5,A.Nilai\_C6 From Rekap\_Nilai A, " & \_

" Guru B where A.Kode\_Tp = '" & cTingkat & "' and A.Periode ='" & txtThn.Text & "' and A.Nip = B.Nip order by A.Nip ", KoneksiDb, adOpenKeyset, adLockOptimistic

Set Grid.DataSource = rsGuru

End Sub

Private Sub txtNip\_LostFocus()

If Trim(txtNip.Text) = "" Then

Exit Sub

End If

Set rsGuru = New ADODB.Recordset

rsGuru.Open "Select \* From Guru Where Nip = '" & txtNip.Text & "'", KoneksiDb, adOpenKeyset, adLockOptimistic

If rsGuru.RecordCount > 0 Then

txtNama.Text = rsGuru.Fields("Nama")

txtAlm.Text = rsGuru.Fields("Asal\_Sekolah")

Set rsRekapNilai = New ADODB.Recordset

rsRekapNilai.Open "Select \* From Penilaian Where Nip = '" & txtNip & "' " & \_

" and Periode = '" & txtThn.Text & "' and Kode\_Tp = '" & cTingkat & "'", KoneksiDb, adOpenKeyset, adLockOptimistic

If rsRekapNilai.RecordCount > 0 Then

tampilkan\_Data

SiapIsi

cmdUbah.Enabled = True

CmdTambah.Enabled = False

CmdHapus.Enabled = True

cboTingkat.Enabled = False

txtNip.Enabled = False

Else

For A = 0 To 5

txtNilai(A).Text = ""

Next A

SiapIsi

txtNilai(0).SetFocus

CmdTambah.Enabled = True

End If

Else

MsgBox "Maaf NIP Tidak Dikenal...!", vbCritical, "Peringatan"

txtNip.SetFocus

Exit Sub

End If

End Sub

Private Sub UpDown1\_Change()

txtThn.Text = UpDown1.Value

End Sub

**\*Listing Database**

Option Explicit

Private Declare Function OpenProcess Lib "kernel32" (ByVal dwDesiredAccess As Long, ByVal bInheritHandle As Long, ByVal dwProcessId As Long) As Long

Private Declare Function WaitForSingleObject Lib "kernel32" (ByVal hHandle As Long, ByVal dwMilliseconds As Long) As Long

Private Declare Function CloseHandle Lib "kernel32" (ByVal hObject As Long) As Long

Private Const SYNCHRONIZE As Long = &H100000

Private Const INFINITE As Long = &HFFFF

Private Sub execCommand(ByVal cmd As String)

Dim result As Long

Dim lPid As Long

Dim lHnd As Long

Dim lRet As Long

cmd = "cmd /c " & cmd

result = Shell(cmd, vbHide)

lPid = result

If lPid <> 0 Then

lHnd = OpenProcess(SYNCHRONIZE, 0, lPid)

If lHnd <> 0 Then

lRet = WaitForSingleObject(lHnd, INFINITE)

CloseHandle (lHnd)

End If

End If

End Sub

Private Sub Form\_Load()

cmdrestore.Enabled = False

Text1.Text = GetSetting("SpkRaskin", "Backupdata1", "Nama Folder", "D:\Backup\Backup01.sql")

End Sub

Private Sub Text1\_Change()

cmdrestore.Enabled = True

End Sub

Private Sub XPButton1\_Click()

Dim mFolder As String

Me.CommonDialog1.DialogTitle = "Silahkan Pilih Target Tujuan"

Me.CommonDialog1.ShowOpen

mFolder = Me.CommonDialog1.FileName

Text1.Text = mFolder

End Sub

Private Sub cmdrestore\_Click()

Dim mFile As String

Me.Caption = "Sabar, sedang Restore data..."

mFile = Trim(Text1.Text)

Dim cmd As String

Screen.MousePointer = vbHourglass

DoEvents

cmd = "C:\xampp\MySQL\bin\mysql" & " -u" & strUID & " -p" & strPWD & " --comments " & strDB & " < " & Chr(34) & mFile & Chr(34)

Call execCommand(cmd)

Screen.MousePointer = vbDefault

cmdrestore.Enabled = False

cmdBatal.Caption = "&Keluar"

Me.Caption = "Proses Restore data telah selesai..."

End Sub

Private Sub cmdbatal\_Click()

Unload Me

End Sub

Listing Setting Database

Option Explicit

Private Sub cmdSelesai\_Click()

Unload Me

Call OpenDatabase

End Sub

Private Sub CmdTambah\_Click()

If MsgBox("Setting Database Di Simpan ???", vbYesNo + vbQuestion + vbDefaultButton2, "Konfirmasi") = vbYes Then

SaveSetting "SpkGuru", "Database", "Nama Server", Trim(TDBText1.Text)

SaveSetting "SpkGuru", "Database", "Nama Database", Trim(TDBText2.Text)

SaveSetting "SpkGuru", "Database", "User", Trim(TDBText3.Text)

SaveSetting "SpkGuru", "Database", "Password", Trim(TDBText4.Text)

SaveSetting "SpkGuru", "Database", "Port", Trim(TDBText5.Text)

Unload Me

Call OpenDatabase

' frmLogin.Show

End If

End Sub

Private Sub Form\_Load()

TDBText1.Text = GetSetting("SpkGuru", "Database", "Nama Server", "") 'ambil nilai dr registry, jika blm ada isi dgn karakter kosong ""

TDBText2.Text = GetSetting("SpkGuru", "Database", "Nama Database", "")

TDBText3.Text = GetSetting("SpkGuru", "Database", "User", "")

TDBText4.Text = GetSetting("SpkGuru", "Database", "Password", "")

TDBText5.Text = GetSetting("SpkGuru", "Database", "Port", "")

'mMenuUtama.StsBar.Panels(2).Text = "Level : "

End Sub

**\*Listing Data Sub Kriteria**

'Option Explicit 'agar semua variabel wajib didefiniskan terlebih dahulu

Dim rsSubKriteria As ADODB.Recordset 'fungsinya utk membuka area baru utk table databas

Dim rsJenisBantuan As ADODB.Recordset 'fungsinya utk membuka area baru utk table databas

Dim rsNilaiFuzzy As ADODB.Recordset

Dim rsKriteria As ADODB.Recordset

Dim cJenis, cKode\_Bs, cKode\_Cr As String

Dim nNIlai As Single

Private Sub cboKode\_ItemChange()

If Trim(cboKode.Text) = cboKode.Columns(0) Then

cJenis = cboKode.Columns(1)

End If

Isi\_DataGrid

cboKriteria.Columns(1).Visible = False

Set rsKriteria = New ADODB.Recordset

rsKriteria.Open "Select Nama\_Cr, Kode\_Cr FROM Kriteria Where Kode\_Bantuan = '" & cJenis & "' order by Kode\_Cr ", KoneksiDb, adOpenKeyset, adLockOptimistic

Set cboKriteria.DataSource = rsKriteria

Set cboKriteria.RowSource = rsKriteria

cboKriteria.Columns(0).Caption = "Nama Bil. Fuzzy"

cboKriteria.Columns(0).Width = 2500

cboKriteria.Columns(1).Caption = "Bobot"

cboKriteria.Columns(1).Width = 1000

End Sub

Private Sub cboKode\_KeyPress(KeyAscii As Integer)

If KeyAscii = 13 Then

cboKriteria.SetFocus

End If

End Sub

Private Sub cbokriteria\_ItemChange()

If Trim(cboKriteria.Text) = cboKriteria.Columns(0) Then

cKode\_Cr = cboKriteria.Columns(1)

End If

AturNomor

End Sub

Private Sub cboKriteria\_KeyPress(KeyAscii As Integer)

If KeyAscii = 13 Then

txtSub\_Cr.SetFocus

End If

End Sub

Private Sub cboKriteria\_LostFocus()

AturNomor

End Sub

Private Sub cboNilai\_ItemChange()

If Trim(cboNilai.Text) = cboNilai.Columns(0) Then

nNIlai = cboNilai.Columns(1)

End If

End Sub

Private Sub cboNilai\_KeyPress(KeyAscii As Integer)

'cKode\_Cr.SetFocus

End Sub

Private Sub cmdBaru\_Click()

isi\_DataBaru

TidakSiapisi

cboKode.Enabled = True

txtSub\_Cr.Enabled = True

txtSub\_Cr.Text = ""

cboKriteria.SetFocus

End Sub

Private Sub CmdHapus\_Click()

Set rsPemohon = New ADODB.Recordset

rsPemohon.Open "Select \* From Pemohon Where Kode\_Bantuan = '" & cJenis & "'", KoneksiDb, adOpenKeyset, adLockOptimistic

If rsPemohon.RecordCount > 0 Then

MsgBox "Maaf Data Sub Kriteria Tidak Dapat Dihapus...!", vbCritical, "Peringatan"

Else

Set rsSubKriteria = New ADODB.Recordset

rsSubKriteria.Open "Select \* From SubKriteria Where Kode\_Bantuan = '" & cJenis & "' and " & \_

"Kode\_Sub ='" & txtSub\_Cr.Text & "' and kode\_cr = '" & cKode\_Cr & "'", KoneksiDb, adOpenKeyset, adLockOptimistic

If rsSubKriteria.RecordCount > 0 Then

If MsgBox("Yakin Anda Ingin Hapus ???", vbYesNo + vbQuestion + vbDefaultButton2, "Konfirmasi") = vbYes Then

KoneksiDb.Execute "delete from SubKriteria where Kode\_Bantuan = '" & cJenis & "' and Kode\_Sub ='" & txtSub\_Cr.Text & "'"

End If

End If

End If

cmdBaru\_Click

End Sub

Private Sub cmdSelesai\_Click()

Unload Me

End Sub

Private Sub CmdTambah\_Click()

Dim mSql As String

If Trim(cboKode.Text) = "" Then

MsgBox "Kode Jenis Bantuan belum diisi...!", vbCritical, "Peringatan"

cboKode.SetFocus

Exit Sub

End If

If Trim(txtSub\_Cr.Text) = "" Then

MsgBox "Kode Sub SubKriteria belum diisi...!", vbCritical, "Peringatan"

txtSub\_Cr.SetFocus

Exit Sub

End If

If Trim(txtNama.Text) = "" Then

MsgBox "Nama Sub SubKriteria belum diisi...!", vbCritical, "Peringatan"

txtNama.SetFocus

Exit Sub

End If

If cboNilai.Text = Empty Then

MsgBox "Nilai Bobot Sub SubKriteria belum diisi...!", vbCritical, "Peringatan"

cboNilai.SetFocus

Exit Sub

End If

If MsgBox("Yakin Data Sub SubKriteria Bantuan akan Disimpan...?", vbYesNo + vbQuestion, "Konfirmasi") = vbYes Then

Set rsSubKriteria = New ADODB.Recordset

rsSubKriteria.Open "Select \* From SubKriteria Where Kode\_Bantuan = '" & cJenis & "' and " & \_

"kode\_cr = '" & cKode\_Cr & "' and Kode\_Sub ='" & txtSub\_Cr.Text & "' ", KoneksiDb, adOpenKeyset, adLockOptimistic

xNFz = Replace(nNIlai, ",", ".")

If rsSubKriteria.RecordCount = 0 Then

mSql = "INSERT INTO SubKriteria(Kode\_Bantuan,Nama\_SubCr,Kode\_Sub,Kode\_Cr,Nilai\_W) " & \_

"Values('" & cJenis & "','" & txtNama.Text & "','" & txtSub\_Cr.Text & "','" & cKode\_Cr & "'," & xNFz & ")"

Else

mSql = "UPDATE SubKriteria SET Nama\_SubCr = '" & txtNama.Text & "'," & \_

"Nilai\_W = " & xNFz & " " & \_

"WHERE Kode\_Bantuan = '" & cJenis & "' and kode\_cr = '" & cKode\_Cr & "' and kode\_sub = '" & txtSub\_Cr.Text & "'"

End If

Set rsSubKriteria = New ADODB.Recordset

Debug.Print mSql

rsSubKriteria.Open mSql, KoneksiDb, adOpenKeyset, adLockOptimistic

End If

cmdBaru\_Click

End Sub

Private Sub cmdUbah\_Click()

CmdTambah\_Click

End Sub

Private Sub Form\_Load()

Dim aJenis As Variant 'mendifinisikan type data array

Dim I As Integer

cJenis = ""

aJenis = Array("Benefit", "Cost")

cboKode.Columns(1).Visible = False

Set rsJenisBantuan = New ADODB.Recordset

rsJenisBantuan.Open "Select Nama\_Bantuan, Kode\_Bantuan,Tahun FROM JenisBantuan", KoneksiDb, adOpenKeyset, adLockOptimistic

Set cboKode.DataSource = rsJenisBantuan

Set cboKode.RowSource = rsJenisBantuan

cboKode.Columns(0).Caption = "Nama Bantuan"

cboKode.Columns(0).Width = 3000

cboKode.Columns(1).Caption = "Kode Bantuan"

cboKode.Columns(1).Width = 1500

cboNilai.Columns(1).Visible = False

Set rsNilaiFuzzy = New ADODB.Recordset

rsNilaiFuzzy.Open "Select Nama\_Fz, Nilai\_Fz FROM NilaiFuzzy order by Nilai\_Fz", KoneksiDb, adOpenKeyset, adLockOptimistic

Set cboNilai.DataSource = rsNilaiFuzzy

Set cboNilai.RowSource = rsNilaiFuzzy

cboNilai.Columns(0).Caption = "Nama Bil. Fuzzy"

cboNilai.Columns(0).Width = 1300

cboNilai.Columns(1).Caption = "Bobot"

cboNilai.Columns(1).Width = 500

Isi\_DataGrid

isi\_DataBaru

TidakSiapisi

End Sub

Private Sub Grid\_DblClick()

On Error Resume Next

cKode\_Cr = Grid.Columns(0)

txtSub\_Cr.Text = Grid.Columns(1)

cboKode.Enabled = True

Txtsub\_cr\_LostFocus

End Sub

Private Sub Grid\_OnInit() 'utk merapikan kolom grid

Grid.Columns("Kode\_Sub").Caption = "Kode SubKriteria"

Grid.Columns("Kode\_Sub").Width = 1000

Grid.Columns("Kode\_Sub").Alignment = dbgCenter

Grid.Columns("Nama\_SubCr").Caption = "Nama Sub Criteria"

Grid.Columns("Nama\_SubCr").Width = 2700

Grid.Columns("Kode\_Cr").Caption = "Kode\_Cr"

Grid.Columns("Kode\_Cr").Width = 1000

Grid.Columns("Kode\_Cr").Alignment = dbgCenter

Grid.Columns("Nilai\_W").Caption = "Nilai Bobot (W)"

Grid.Columns("Nilai\_W").Width = 1200

Grid.Columns("Nilai\_W").NumberFormat = "0.#0"

Grid.Columns("Nilai\_W").Alignment = dbgCenter

Grid.HoldFields 'agar kolom tetap sperti smula

Grid.ExtendRightColumn = True 'agar sisi kolom paling kanan keliatan full

Grid.EmptyRows = True 'agar baris keliatan full

Grid.AlternatingRowStyle = True 'agar warna tiap baris bs beda

Grid.OddRowStyle.BackColor = vbWhite 'agar baris genap bwarna putih

Grid.MarqueeStyle = dbgHighlightRow 'agar selector baris menjadi full

Grid.EvenRowStyle.BackColor = vbYellow

Grid.AllowAddNew = False 'agar tdk bs menambah record baru secara lgsg dr grid

Grid.AllowDelete = False 'agar tdk bs menghapus record secara lgsg dr grid

Grid.AllowUpdate = False 'agar tdk bs mengupdate record secara lgsg dr grid

End Sub

Private Sub Txtsub\_cr\_LostFocus() 'utk cek isi tdbtext1 saat meninggalkan tdbtext1

If Trim(txtSub\_Cr.Text) = "" Then

Exit Sub

End If

Set rsSubKriteria = New ADODB.Recordset

rsSubKriteria.Open "Select \* From SubKriteria Where Kode\_Bantuan = '" & cJenis & "' " & \_

"and Kode\_sub = '" & txtSub\_Cr.Text & "' and Kode\_Cr = '" & cKode\_Cr & "'", KoneksiDb, adOpenKeyset, adLockOptimistic

If rsSubKriteria.RecordCount > 0 Then

tampilkan\_Data

SiapIsi

cmdUbah.Enabled = True

CmdTambah.Enabled = False

CmdHapus.Enabled = True

cboKode.Enabled = False

txtSub\_Cr.Enabled = False

Else

isi\_DataBaru

SiapIsi

txtNama.SetFocus

CmdTambah.Enabled = True

End If

End Sub

Private Sub tampilkan\_Data()

txtNama.Text = rsSubKriteria.Fields("Nama\_SubCr")

nNIlai = rsSubKriteria.Fields("Nilai\_W")

cKode\_Cr = rsSubKriteria.Fields("Kode\_Cr")

Set rsNilaiFuzzy = New ADODB.Recordset

rsNilaiFuzzy.Open "Select \* From NilaiFuzzy Where Nilai\_Fz = " & Str(nNIlai) & "", KoneksiDb, adOpenKeyset, adLockOptimistic

If rsNilaiFuzzy.RecordCount > 0 Then

cboNilai.Text = rsNilaiFuzzy.Fields("Nama\_Fz")

End If

Set rsKriteria = New ADODB.Recordset

rsKriteria.Open "Select \* From Kriteria Where Kode\_Cr = '" & cKode\_Cr & "'", KoneksiDb, adOpenKeyset, adLockOptimistic

If rsKriteria.RecordCount > 0 Then

cboKriteria.Text = rsKriteria.Fields("Nama\_cR")

End If

End Sub

Private Sub isi\_DataBaru()

txtNama.Text = ""

cboNilai = ""

CmdTambah.Caption = "&Tambah"

Isi\_DataGrid

CmdHapus.Enabled = False

cmdUbah.Enabled = False

End Sub

Private Sub TidakSiapisi()

CmdHapus.Enabled = False

cmdUbah.Enabled = False

CmdTambah.Enabled = False

txtNama.Enabled = False

cboNilai.Enabled = False

End Sub

Private Sub SiapIsi()

txtNama.Enabled = True

cboNilai.Enabled = True

txtSub\_Cr.Enabled = True

End Sub

Private Sub Isi\_DataGrid()

Set rsSubKriteria = New ADODB.Recordset

rsSubKriteria.Open "Select KOde\_CR,Kode\_Sub,Nama\_SubCr,Nilai\_W From SubKriteria where Kode\_Bantuan = '" & cJenis & "' order by Kode\_Sub ", KoneksiDb, adOpenKeyset, adLockOptimistic

Set Grid.DataSource = rsSubKriteria

End Sub

Private Sub AturNomor()

Dim Rscari As New ADODB.Recordset

Dim Na As Integer

Dim cNo As String

Set Rscari = Nothing

Rscari.Open "Select \* From SubKriteria where Kode\_Bantuan = '" & cJenis & "' and Kode\_Cr= '" & cKode\_Cr & "' order by Kode\_Sub ", KoneksiDb

If Rscari.RecordCount = 0 Then

cNo = "1"

Else

Rscari.MoveLast

Na = Val(Right(Rscari!Kode\_Sub, 1)) + 1

If Na >= 1 Then

cNo = Trim(Str(Na))

End If

End If

txtSub\_Cr.Text = Trim(cKode\_Cr) + Trim(cNo)

End Sub

**\*Listing Tingkat Pendidikan**

'Option Explicit 'agar semua variabel wajib didefiniskan terlebih dahulu

Dim rsTingkatPendidikan As ADODB.Recordset 'fungsinya utk membuka area baru utk table databas

Dim rsKriteria As ADODB.Recordset

Private Sub cmdBaru\_Click()

isi\_DataBaru

TidakSiapisi

txtKode.Enabled = True

txtKode.SetFocus

End Sub

Private Sub CmdHapus\_Click()

Set rsKriteria = New ADODB.Recordset

rsKriteria.Open "Select \* From Kriteria Where Kode\_TP = '" & txtKode.Text & "'", KoneksiDb, adOpenKeyset, adLockOptimistic

If rsKriteria.RecordCount > 0 Then

MsgBox "Maaf Data Tingkat Pendidikan Tidak Dapat Dihapus...!", vbCritical, "Peringatan"

Else

Set rsTingkatPendidikan = New ADODB.Recordset

rsTingkatPendidikan.Open "Select \* From TingkatPendidikan Where Kode\_TP = '" & txtKode.Text & "'", KoneksiDb, adOpenKeyset, adLockOptimistic

If rsTingkatPendidikan.RecordCount > 0 Then

If MsgBox("Yakin Anda Ingin Hapus ???", vbYesNo + vbQuestion + vbDefaultButton2, "Konfirmasi") = vbYes Then

KoneksiDb.Execute "delete from TingkatPendidikan where Kode\_TP = '" & txtKode.Text & "'"

End If

End If

End If

cmdBaru\_Click

End Sub

Private Sub cmdSelesai\_Click()

Unload Me

End Sub

Private Sub CmdTambah\_Click()

Dim mSql As String

If Trim(txtThn.Text) = "" Then

MsgBox "Tahun Bantuan belum diisi...!", vbCritical, "Peringatan"

txtThn.SetFocus

Exit Sub

End If

If Trim(txtKode.Text) = "" Then

MsgBox "Kode Tingkat Pendidikan belum diisi...!", vbCritical, "Peringatan"

txtKode.SetFocus

Exit Sub

End If

If Trim(txtTingkat.Text) = "" Then

MsgBox "Nama Tingkat Pendidikan belum diisi...!", vbCritical, "Peringatan"

txtTingkat.SetFocus

Exit Sub

End If

If txtKuota.Value = 0 Or txtKuota.Value = Empty Then

MsgBox "Kuota Guru Berprestasi belum diisi...!", vbCritical, "Peringatan"

txtKuota.SetFocus

Exit Sub

End If

' If MsgBox("Yakin Data Jenis Bantuan akan Disimpan...?", vbYesNo + vbQuestion, "Konfirmasi") = vbYes Then

Set rsTingkatPendidikan = New ADODB.Recordset

rsTingkatPendidikan.Open "Select \* From TingkatPendidikan Where Kode\_TP = '" & txtKode.Text & "'", KoneksiDb, adOpenKeyset, adLockOptimistic

If rsTingkatPendidikan.RecordCount = 0 Then

mSql = "INSERT INTO TingkatPendidikan(Kode\_TP,Tingkat,Tahun,Kuota) " & \_

"Values('" & txtKode.Text & "','" & txtTingkat.Text & "','" & txtThn.Text & "'," & txtKuota.Value & ")"

Else

mSql = "UPDATE TingkatPendidikan SET Tingkat = '" & txtTingkat.Text & "'," & \_

"Tahun = '" & txtThn.Text & "'," & \_

"Kuota = " & txtKuota.Value & " " & \_

"WHERE Kode\_TP = '" & txtKode.Text & "'"

End If

Set rsTingkatPendidikan = New ADODB.Recordset

Debug.Print mSql

rsTingkatPendidikan.Open mSql, KoneksiDb, adOpenKeyset, adLockOptimistic

' End If

cmdBaru\_Click

End Sub

Private Sub cmdUbah\_Click()

CmdTambah\_Click

End Sub

Private Sub Form\_Load()

Isi\_DataGrid

isi\_DataBaru

UpDown1.Value = Year(Date)

TidakSiapisi

End Sub

Private Sub Grid\_DblClick()

On Error Resume Next

txtKode.Text = Grid.Columns(0)

txtKode.Enabled = True

TxtKode\_LostFocus

End Sub

Private Sub Grid\_OnInit() 'utk merapikan kolom grid

Grid.Columns("Kode\_TP").Caption = "Kode TP"

Grid.Columns("Kode\_TP").Width = 1200

Grid.Columns("Kode\_TP").Alignment = dbgCenter

Grid.Columns("Tingkat").Caption = "Tingkat"

Grid.Columns("Tingkat").Width = 2500

Grid.Columns("Kuota").Caption = "Kuota"

Grid.Columns("Kuota").Width = 1500

Grid.Columns("Kuota").Alignment = dbgCenter

Grid.HoldFields 'agar kolom tetap sperti smula

Grid.ExtendRightColumn = True 'agar sisi kolom paling kanan keliatan full

Grid.EmptyRows = True 'agar baris keliatan full

Grid.AlternatingRowStyle = True 'agar warna tiap baris bs beda

Grid.OddRowStyle.BackColor = vbWhite 'agar baris genap bwarna putih

Grid.MarqueeStyle = dbgHighlightRow 'agar selector baris menjadi full

Grid.EvenRowStyle.BackColor = vbYellow

Grid.AllowAddNew = False 'agar tdk bs menambah record baru secara lgsg dr grid

Grid.AllowDelete = False 'agar tdk bs menghapus record secara lgsg dr grid

Grid.AllowUpdate = False 'agar tdk bs mengupdate record secara lgsg dr grid

End Sub

Private Sub TxtKode\_LostFocus() 'utk cek isi tdbtext1 saat meninggalkan tdbtext1

If Trim(txtKode.Text) = "" Then

Exit Sub

End If

Set rsTingkatPendidikan = New ADODB.Recordset

rsTingkatPendidikan.Open "Select \* From TingkatPendidikan Where Kode\_TP = '" & txtKode.Text & "'", KoneksiDb, adOpenKeyset, adLockOptimistic

If rsTingkatPendidikan.RecordCount > 0 Then

tampilkan\_Data

SiapIsi

cmdUbah.Enabled = True

CmdTambah.Enabled = False

CmdHapus.Enabled = True

txtKode.Enabled = False

Else

isi\_DataBaru

SiapIsi

txtTingkat.SetFocus

CmdTambah.Enabled = True

End If

End Sub

Private Sub tampilkan\_Data()

txtTingkat.Text = rsTingkatPendidikan.Fields("Tingkat")

txtThn.Text = rsTingkatPendidikan.Fields("Tahun")

txtKuota.Value = rsTingkatPendidikan.Fields("Kuota")

End Sub

Private Sub isi\_DataBaru()

txtTingkat.Text = ""

txtThn.Text = Year(Date)

txtKuota.Value = 0

CmdTambah.Caption = "&Tambah"

Isi\_DataGrid

CmdHapus.Enabled = False

cmdUbah.Enabled = False

End Sub

Private Sub TidakSiapisi()

CmdHapus.Enabled = False

cmdUbah.Enabled = False

CmdTambah.Enabled = False

txtTingkat.Enabled = False

txtKuota.Enabled = False

End Sub

Private Sub SiapIsi()

txtTingkat.Enabled = True

txtKuota.Enabled = True

End Sub

Private Sub Isi\_DataGrid()

Set rsTingkatPendidikan = New ADODB.Recordset

rsTingkatPendidikan.Open "Select Kode\_TP,Tingkat,Kuota From TingkatPendidikan where Tahun = '" & txtThn.Text & "' ", KoneksiDb, adOpenKeyset, adLockOptimistic

Set Grid.DataSource = rsTingkatPendidikan

End Sub

Private Sub UpDown1\_Change()

txtThn.Text = UpDown1.Value

Isi\_DataGrid

End Sub

**\*Listing Perhitungan Vektor S**

'Option Explicit 'agar semua variabel wajib didefiniskan terlebih dahulu

Dim rsGuru As ADODB.Recordset 'fungsinya utk membuka area baru utk table databas

Dim rsTingkat As ADODB.Recordset 'fungsinya utk membuka area baru utk table databas

Dim rsKriteria As ADODB.Recordset

Dim Cek As Boolean

Dim cTingkat As String

Dim cKode\_Cr(50), cKet(50) As String

Dim nBobot(50), nHasil(50) As Single

Private Sub cboTingkat\_ItemChange()

If Trim(cboTingkat.Text) = cboTingkat.Columns(0) Then

cTingkat = cboTingkat.Columns(1)

Set rsKriteria = New ADODB.Recordset

rsKriteria.Open "Select \* From Kriteria Where Kode\_TP = '" & cTingkat & "' order by Kode\_Cr", KoneksiDb, adOpenKeyset, adLockOptimistic

If rsKriteria.RecordCount > 0 Then

rsKriteria.MoveFirst

A = 0

Do While Not rsKriteria.EOF

cKode\_Cr(A) = rsKriteria.Fields("Kode\_Cr")

nBobot(A) = rsKriteria.Fields("Perbaikan\_Bobot")

cKet(A) = rsKriteria.Fields("Jenis\_Cr")

rsKriteria.MoveNext

A = A + 1

Loop

End If

End If

Cek = True

Isi\_DataGrid

Isi\_DataGrid2

End Sub

Private Sub cmdCetak\_Click()

Set rsPejabat = New ADODB.Recordset

rsPejabat.Open "Select \* From Pejabat Where Status = 'Aktif'", KoneksiDb, adOpenKeyset, adLockOptimistic

If rsPejabat.RecordCount > 0 Then

xNama = rsPejabat!Nama

End If

frmMenu.Crp.Reset 'me-reset ulang objek crystal report

frmMenu.Crp.Connect = KoneksiDb 'membuat koneksi database pd CR

frmMenu.Crp.ReportFileName = App.Path & "\Report\" & "rptVektorS.rpt" 'membuka file rpt

frmMenu.Crp.SelectionFormula = "{Vektor\_S.Kode\_TP} ='" & Trim(cTingkat) & "' and {Vektor\_S.Periode} ='" & txtThn.Text & "'"

frmMenu.Crp.Formulas(1) = "cnama='" & xNama & "'"

frmMenu.Crp.DiscardSavedData = True 'refresh data pd file rpt

frmMenu.Crp.WindowState = crptMaximized 'max kan ukuran report

frmMenu.Crp.Action = 1 ' print preview

End Sub

Private Sub cmdProses\_Click()

Hitung\_VektorS

Isi\_DataGrid

Isi\_DataGrid2

End Sub

Private Sub cmdSelesai\_Click()

Unload Me

End Sub

Private Sub Form\_Load()

Cek = False

cTingkat = ""

cmdProses.Enabled = False

Isi\_DataGrid

Isi\_DataGrid2

txtThn.Text = Year(Date)

UpDown1.Value = Year(Date)

cboTingkat.Columns(1).Visible = False

Set rsTingkat = New ADODB.Recordset

rsTingkat.Open "Select Tingkat, Kode\_TP FROM TingkatPendidikan Where Tahun = '" & txtThn.Text & "'", KoneksiDb, adOpenKeyset, adLockOptimistic

Set cboTingkat.DataSource = rsTingkat

Set cboTingkat.RowSource = rsTingkat

cboTingkat.Columns(0).Caption = "Tingkat"

cboTingkat.Columns(0).Width = 3000

cboTingkat.Columns(1).Caption = "Kode TP"

cboTingkat.Columns(1).Width = 1500

End Sub

Private Sub Grid\_OnInit() 'utk merapikan kolom grid

Grid.Columns("NIP").Caption = "Kode Guru"

Grid.Columns("NIP").Width = 2000

Grid.Columns("NIP").Alignment = dbgCenter

Grid.Columns("Nama").Caption = "Nama Guru"

Grid.Columns("Nama").Width = 2500

Grid.Columns("Asal\_Sekolah").Caption = "Asal\_Sekolah"

Grid.Columns("Asal\_Sekolah").Width = 2500

Grid.Columns("Nilai\_C1").Caption = "C1"

Grid.Columns("Nilai\_C1").Width = 600

Grid.Columns("Nilai\_C1").NumberFormat = "0.#0"

Grid.Columns("Nilai\_C1").Alignment = dbgCenter

Grid.Columns("Nilai\_C2").Caption = "C2"

Grid.Columns("Nilai\_C2").Width = 600

Grid.Columns("Nilai\_C2").NumberFormat = "0.#0"

Grid.Columns("Nilai\_C2").Alignment = dbgCenter

Grid.Columns("Nilai\_C3").Caption = "C3"

Grid.Columns("Nilai\_C3").Width = 600

Grid.Columns("Nilai\_C3").NumberFormat = "0.#0"

Grid.Columns("Nilai\_C3").Alignment = dbgCenter

Grid.Columns("Nilai\_C4").Caption = "C4"

Grid.Columns("Nilai\_C4").Width = 600

Grid.Columns("Nilai\_C4").NumberFormat = "0.#0"

Grid.Columns("Nilai\_C4").Alignment = dbgCenter

Grid.Columns("Nilai\_C5").Caption = "C5"

Grid.Columns("Nilai\_C5").Width = 600

Grid.Columns("Nilai\_C5").NumberFormat = "0.#0"

Grid.Columns("Nilai\_C5").Alignment = dbgCenter

Grid.Columns("Nilai\_C6").Caption = "C6"

Grid.Columns("Nilai\_C6").Width = 600

Grid.Columns("Nilai\_C6").NumberFormat = "0.#0"

Grid.Columns("Nilai\_C6").Alignment = dbgCenter

Grid.HoldFields 'agar kolom tetap sperti smula

Grid.ExtendRightColumn = True 'agar sisi kolom paling kanan keliatan full

Grid.EmptyRows = True 'agar baris keliatan full

Grid.AlternatingRowStyle = True 'agar warna tiap baris bs beda

Grid.OddRowStyle.BackColor = vbWhite 'agar baris genap bwarna putih

Grid.MarqueeStyle = dbgHighlightRow 'agar selector baris menjadi full

Grid.EvenRowStyle.BackColor = vbYellow

Grid.AllowAddNew = False 'agar tdk bs menambah record baru secara lgsg dr grid

Grid.AllowDelete = False 'agar tdk bs menghapus record secara lgsg dr grid

Grid.AllowUpdate = False 'agar tdk bs mengupdate record secara lgsg dr grid

End Sub

Private Sub Grid2\_OnInit() 'utk merapikan kolom grid

Grid2.Columns("NIP").Caption = "Kode Guru"

Grid2.Columns("NIP").Width = 2000

Grid2.Columns("NIP").Alignment = dbgCenter

Grid2.Columns("Nama").Caption = "Nama Guru"

Grid2.Columns("Nama").Width = 2500

Grid2.Columns("Nilai\_C1").Caption = "C1"

Grid2.Columns("Nilai\_C1").Width = 600

Grid2.Columns("Nilai\_C1").NumberFormat = "0.#0"

Grid2.Columns("Nilai\_C1").Alignment = dbgCenter

Grid2.Columns("Nilai\_C2").Caption = "C2"

Grid2.Columns("Nilai\_C2").Width = 600

Grid2.Columns("Nilai\_C2").NumberFormat = "0.#0"

Grid2.Columns("Nilai\_C2").Alignment = dbgCenter

Grid2.Columns("Nilai\_C3").Caption = "C3"

Grid2.Columns("Nilai\_C3").Width = 600

Grid2.Columns("Nilai\_C3").NumberFormat = "0.#0"

Grid2.Columns("Nilai\_C3").Alignment = dbgCenter

Grid2.Columns("Nilai\_C4").Caption = "C4"

Grid2.Columns("Nilai\_C4").Width = 600

Grid2.Columns("Nilai\_C4").NumberFormat = "0.#0"

Grid2.Columns("Nilai\_C4").Alignment = dbgCenter

Grid2.Columns("Nilai\_C5").Caption = "C5"

Grid2.Columns("Nilai\_C5").Width = 600

Grid2.Columns("Nilai\_C5").NumberFormat = "0.#0"

Grid2.Columns("Nilai\_C5").Alignment = dbgCenter

Grid2.Columns("Nilai\_C6").Caption = "C6"

Grid2.Columns("Nilai\_C6").Width = 600

Grid2.Columns("Nilai\_C6").NumberFormat = "0.#0"

Grid2.Columns("Nilai\_C6").Alignment = dbgCenter

Grid2.Columns("Hasil").Caption = "Hasil"

Grid2.Columns("Hasil").Width = 600

Grid2.Columns("Hasil").NumberFormat = "0#.###0"

Grid2.Columns("Hasil").Alignment = dbgCenter

Grid2.HoldFields 'agar kolom tetap sperti smula

Grid2.ExtendRightColumn = True 'agar sisi kolom paling kanan keliatan full

Grid2.EmptyRows = True 'agar baris keliatan full

Grid2.AlternatingRowStyle = True 'agar warna tiap baris bs beda

Grid2.OddRowStyle.BackColor = vbWhite 'agar baris genap bwarna putih

Grid2.MarqueeStyle = dbgHighlightRow 'agar selector baris menjadi full

Grid2.EvenRowStyle.BackColor = vbYellow

Grid2.AllowAddNew = False 'agar tdk bs menambah record baru secara lgsg dr Grid2

Grid2.AllowDelete = False 'agar tdk bs menghapus record secara lgsg dr Grid2

Grid2.AllowUpdate = False 'agar tdk bs mengupdate record secara lgsg dr grid

End Sub

Private Sub Isi\_DataGrid()

Set rsGuru = New ADODB.Recordset

rsGuru.Open "Select A.NIP,B.Nama,B.Asal\_Sekolah,A.Nilai\_C1,A.Nilai\_C2,A.Nilai\_C3,A.Nilai\_C4,A.Nilai\_C5,A.Nilai\_C6 From Rekap\_Nilai A, " & \_

" Guru B where A.NIP = B.NIP AND A.Kode\_TP = '" & cTingkat & "' and A.Periode ='" & txtThn.Text & "' " & \_

" order by NIP ", KoneksiDb, adOpenKeyset, adLockOptimistic

Set Grid.DataSource = rsGuru

If rsGuru.RecordCount > 0 Then

cmdProses.Enabled = True

Else

If Cek = True Then

Set Grid.DataSource = Nothing

Set Grid2.DataSource = Nothing

X = MsgBox("Maaf, Data Guru untuk Tingkat Sekolah tsb Belum Ada !!!", 0 + 16, "Konfirmasi")

cmdProses.Enabled = False

cboTingkat.SetFocus

Exit Sub

End If

End If

End Sub

Private Sub Isi\_DataGrid2()

Set rsVektor = New ADODB.Recordset

rsVektor.Open "Select A.NIP,B.Nama,B.Asal\_Sekolah,A.Nilai\_C1,A.Nilai\_C2,A.Nilai\_C3,A.Nilai\_C4,A.Nilai\_C5,A.Nilai\_C6,A.Hasil From Vektor\_S A, " & \_

" Guru B where A.NIP = B.NIP AND A.Kode\_TP = '" & cTingkat & "' and A.Periode ='" & txtThn.Text & "' " & \_

" order by NIP ", KoneksiDb, adOpenKeyset, adLockOptimistic

Set Grid2.DataSource = rsVektor

End Sub

Private Sub UpDown1\_Change()

txtThn.Text = UpDown1.Value

Isi\_DataGrid

Isi\_DataGrid2

End Sub

Private Sub Hitung\_VektorS()

Dim KodeP(50) As String

Dim xPkt(50), nBulat(50) As String

Dim nNIlai(50) As Double

'Menentukan Pangkat Positif/Negetif

For A = 0 To 5

If cKet(A) = "B" Then

xPkt(A) = nBobot(A)

Else

xPkt(A) = "-" & nBobot(A)

End If

Next A

Set rsRekapNilai = New ADODB.Recordset

rsRekapNilai.Open "Select \* From Rekap\_Nilai Where " & \_

" Periode = '" & txtThn.Text & "' and Kode\_TP = '" & cTingkat & "' order by NIP", KoneksiDb, adOpenKeyset, adLockOptimistic

If rsRekapNilai.RecordCount > 0 Then

rsRekapNilai.MoveFirst

A = 0

Do While Not rsRekapNilai.EOF

KodeP(A) = rsRekapNilai.Fields("NIP")

Set rsPenilaian = New ADODB.Recordset

rsPenilaian.Open "Select \* From Penilaian Where NIP ='" & KodeP(A) & "' and Periode ='" & txtThn.Text & "' " & \_

" and Kode\_TP = '" & cTingkat & "' order By Kode\_Cr", KoneksiDb, adOpenKeyset, adLockOptimistic

If rsPenilaian.RecordCount > 0 Then

'Mencari Pangkat untuk Setiap Nilai Kriteria

nKali = 1

X = 0

Do While Not rsPenilaian.EOF

nHasil(X) = rsPenilaian!Nilai ^ xPkt(X)

nKali = nKali \* nHasil(X)

nBulat(X) = Replace(nHasil(X), ",", ".")

nJUmlah = Replace(nKali, ",", ".")

rsPenilaian.MoveNext

X = X + 1

Loop

End If

Set rsVektorS = New ADODB.Recordset

'Simpan ke Vektor Sordset

rsVektorS.Open "Select \* From Vektor\_S Where NIP ='" & KodeP(A) & "' and Periode ='" & txtThn.Text & "'" & \_

" and Kode\_TP = '" & cTingkat & "'", KoneksiDb, adOpenKeyset, adLockOptimistic

If rsVektorS.RecordCount = 0 Then

mSql = "INSERT INTO Vektor\_S(Kode\_TP,Periode,NIP,Nilai\_C1,Nilai\_C2," & \_

"Nilai\_C3,Nilai\_C4,Nilai\_C5,Nilai\_C6,Hasil) " & \_

"Values('" & cTingkat & "','" & txtThn.Text & "','" & KodeP(A) & "'," & nBulat(0) & "," & \_

"" & nBulat(1) & "," & nBulat(2) & "," & nBulat(3) & "," & nBulat(4) & "," & nBulat(5) & "," & nJUmlah & ")"

Else

mSql = "UPDATE Vektor\_S SET Nilai\_C1 = " & nBulat(0) & ", " & \_

"Nilai\_C2 = " & nBulat(1) & ", " & \_

"Nilai\_C3 = " & nBulat(2) & ", " & \_

"Nilai\_C4 = " & nBulat(3) & ", " & \_

"Nilai\_C5 = " & nBulat(4) & ", " & \_

"Nilai\_C6 = " & nBulat(5) & ", " & \_

"Hasil = " & nJUmlah & " " & \_

"WHERE NIP = '" & KodeP(A) & "' and Periode ='" & txtThn.Text & "' and Kode\_TP = '" & cTingkat & "'"

End If

Set rsVektorS = New ADODB.Recordset

Debug.Print mSql

rsVektorS.Open mSql, KoneksiDb, adOpenKeyset, adLockOptimistic

rsRekapNilai.MoveNext

A = A + 1

Loop

End If

End Sub

**\*Listing Perhitungan Vektor V**

'Option Explicit 'agar semua variabel wajib didefiniskan terlebih dahulu

Dim rsPemohon As ADODB.Recordset 'fungsinya utk membuka area baru utk table databas

Dim rsTingkat As ADODB.Recordset 'fungsinya utk membuka area baru utk table databas

Dim rsNilaiFuzzy As ADODB.Recordset

Dim rsKriteria As ADODB.Recordset

Dim Cek As Boolean

Dim cTingkat, cKode\_Cr As String

Private Sub cboTingkat\_ItemChange()

If Trim(cboTingkat.Text) = cboTingkat.Columns(0) Then

cTingkat = cboTingkat.Columns(1)

End If

Cek = True

'Isi\_DataGrid2

End Sub

Private Sub cmdCetak\_Click()

Set rsPejabat = New ADODB.Recordset

rsPejabat.Open "Select \* From Pejabat Where Status = 'Aktif'", KoneksiDb, adOpenKeyset, adLockOptimistic

If rsPejabat.RecordCount > 0 Then

xNama = rsPejabat!Nama

End If

frmMenu.Crp.Reset 'me-reset ulang objek crystal report

frmMenu.Crp.Connect = KoneksiDb 'membuat koneksi database pd CR

frmMenu.Crp.ReportFileName = App.Path & "\Report\" & "rptVektorV.rpt" 'membuka file rpt

frmMenu.Crp.SelectionFormula = "{Vektor\_V.Kode\_TP} ='" & Trim(cTingkat) & "' and {Vektor\_V.Periode} ='" & txtThn.Text & "'"

frmMenu.Crp.Formulas(1) = "cnama='" & xNama & "'"

frmMenu.Crp.DiscardSavedData = True 'refresh data pd file rpt

frmMenu.Crp.WindowState = crptMaximized 'max kan ukuran report

frmMenu.Crp.Action = 1 ' print preview

End Sub

Private Sub cmdProses\_Click()

Hitung\_VektorV

Isi\_DataGrid2

End Sub

Private Sub cmdSelesai\_Click()

Unload Me

End Sub

Private Sub Form\_Load()

Cek = False

cTingkat = ""

cmdProses.Enabled = True

cmdCetak.Enabled = False

Isi\_DataGrid2

txtThn.Text = Year(Date)

UpDown1.Value = Year(Date)

cboTingkat.Columns(1).Visible = False

Set rsTingkat = New ADODB.Recordset

rsTingkat.Open "Select Tingkat, Kode\_TP FROM TingkatPendidikan Where Tahun = '" & txtThn.Text & "'", KoneksiDb, adOpenKeyset, adLockOptimistic

Set cboTingkat.DataSource = rsTingkat

Set cboTingkat.RowSource = rsTingkat

cboTingkat.Columns(0).Caption = "Tingkat"

cboTingkat.Columns(0).Width = 3000

cboTingkat.Columns(1).Caption = "Kode TP"

cboTingkat.Columns(1).Width = 1500

End Sub

Private Sub Grid\_OnInit() 'utk merapikan kolom grid

Grid.Columns("NIP").Caption = "NIP"

Grid.Columns("NIP").Width = 2000

Grid.Columns("NIP").Alignment = dbgCenter

Grid.Columns("Nama").Caption = "Nama Guru"

Grid.Columns("Nama").Width = 2500

Grid.Columns("Asal\_Sekolah").Caption = "Asal\_Sekolah"

Grid.Columns("Asal\_Sekolah").Width = 2500

Grid.Columns("Hasil").Caption = "Hasil"

Grid.Columns("Hasil").Width = 600

Grid.Columns("Hasil").NumberFormat = "0.###0"

Grid.Columns("Hasil").Alignment = dbgCenter

Grid.HoldFields 'agar kolom tetap sperti smula

Grid.ExtendRightColumn = True 'agar sisi kolom paling kanan keliatan full

Grid.EmptyRows = True 'agar baris keliatan full

Grid.AlternatingRowStyle = True 'agar warna tiap baris bs beda

Grid.OddRowStyle.BackColor = vbWhite 'agar baris genap bwarna putih

Grid.MarqueeStyle = dbgHighlightRow 'agar selector baris menjadi full

Grid.EvenRowStyle.BackColor = vbYellow

Grid.AllowAddNew = False 'agar tdk bs menambah record baru secara lgsg dr grid

Grid.AllowDelete = False 'agar tdk bs menghapus record secara lgsg dr grid

Grid.AllowUpdate = False 'agar tdk bs mengupdate record secara lgsg dr grid

End Sub

Private Sub Isi\_DataGrid2()

Set rsHasil = New ADODB.Recordset

rsHasil.Open "Select A.NIP,B.Nama,B.Asal\_Sekolah,A.Hasil From Vektor\_V A, Guru B " & \_

"where A.NIP = B.NIP and A.Kode\_TP = '" & cTingkat & "' and " & \_

"A.Periode ='" & txtThn.Text & "' order by A.Hasil Desc ", KoneksiDb, adOpenKeyset, adLockOptimistic

Set Grid.DataSource = rsHasil

If rsHasil.RecordCount > 0 Then

cmdCetak.Enabled = True

cmdProses.Enabled = True

Else

If Cek = True Then

Set Grid.DataSource = Nothing

'Set Grid2.DataSource = Nothing

X = MsgBox("Maaf, Data Guru untuk Tingkat Sekolah tsb Belum Ada !!!", 0 + 16, "Konfirmasi")

cmdCetak.Enabled = False

cboTingkat.SetFocus

Exit Sub

End If

End If

End Sub

Private Sub UpDown1\_Change()

txtThn.Text = UpDown1.Value

Isi\_DataGrid2

End Sub

Private Sub Hitung\_VektorV()

Dim nHasil(50), nVektorV(50) As Single

Dim cKode(50) As String

Set rsCek = New ADODB.Recordset

rsCek.Open "Select \* from Vektor\_S where Kode\_TP = '" & cTingkat & "' and Periode ='" & txtThn.Text & "' order by NIP ", KoneksiDb

If rsCek.RecordCount > 0 Then

rsCek.MoveFirst

nUrut = 0

nJUmlah = 0

Do While Not rsCek.EOF

nHasil(nUrut) = rsCek!Hasil

cKode(nUrut) = rsCek!NIP

nJUmlah = nJUmlah + nHasil(nUrut)

rsCek.MoveNext

nUrut = nUrut + 1

Loop

'----------------------

' Menghitung Vektor V

'----------------------

For A = 0 To nUrut - 1

nVektorV(A) = nHasil(A) / nJUmlah

Next A

For B = 0 To nUrut - 1

nBt = Replace(nVektorV(B), ",", ".")

Set rsVektorV = New ADODB.Recordset

rsVektorV.Open "Select \* From Vektor\_V Where Kode\_TP = '" & cTingkat & "' and " & \_

"Periode ='" & txtThn.Text & "' and NIP='" & cKode(B) & "'", KoneksiDb, adOpenKeyset, adLockOptimistic

If rsVektorV.RecordCount = 0 Then

mSql = "INSERT INTO Vektor\_V(Kode\_TP,NIP,Periode,Hasil) " & \_

"Values('" & cTingkat & "','" & cKode(B) & "','" & txtThn.Text & "'," & nBt & ")"

Else

mSql = "UPDATE Vektor\_V SET Hasil = " & nBt & " " & \_

"WHERE Kode\_TP = '" & cTingkat & "' and NIP='" & cKode(B) & "' and Periode ='" & txtThn.Text & "'"

End If

Set rsVektorV = New ADODB.Recordset

Debug.Print mSql

rsVektorV.Open mSql, KoneksiDb, adOpenKeyset, adLockOptimistic

Next B

End If

End Sub