**LISTING PROGRAM**

**\*\*\*\* Login \*\*\*\***

PrivateSub frmLogin\_KeyPress(ByVal sender AsObject, ByVal e As System.Windows.Forms.KeyPressEventArgs) HandlesMe.KeyPress

If Asc(e.KeyChar) = Keys.Enter Then

SendKeys.Send("{tab}")

EndIf

EndSub

PrivateSub frmLogin\_Load(ByVal sender As System.Object, ByVal e As System.EventArgs) HandlesMyBase.Load

Koneksi()

EndSub

Sub cekUser()

cmd = NewOdbcCommand("Select \* from tbuser where user\_id='"& txtUser.Text &"'", Conn)

rd = cmd.ExecuteReader

rd.Read()

IfNot rd.HasRows Then

MsgBox("Maaf..., User Id Salah", MsgBoxStyle.Critical, "Perhatian...!")

txtUser.Text = ""

txtUser.Focus()

EndIf

EndSub

Sub cekPassword()

' On Error Resume Next

cmd = NewOdbcCommand("Select \* from tbuser where user\_Id='"& txtUser.Text &"' and password=md5('"& txtPass.Text &"')", Conn)

rd = cmd.ExecuteReader

rd.Read()

If rd.HasRows Then

Me.Visible = False

frmMenuUtama.Show()

Else

MsgBox("Maaf..., Password Salah", MsgBoxStyle.Critical, "Perhatian...!")

txtPass.Text = ""

txtPass.Focus()

Exit Sub

EndIf

EndSub

PrivateSub txtPass\_KeyPress(ByVal sender AsObject, ByVal e As System.Windows.Forms.KeyPressEventArgs) Handles txtPass.KeyPress

If e.KeyChar = Chr(13) Then

Call cekPassword()

EndIf

EndSub

PrivateSub txtUser\_KeyPress(ByVal sender AsObject, ByVal e As System.Windows.Forms.KeyPressEventArgs) Handles txtUser.KeyPress

If e.KeyChar = Chr(13) Then

Call cekUser()

EndIf

IfChar.IsLetterOrDigit(e.KeyChar) = FalseThen

If e.KeyChar = CChar(ChrW(Keys.Back)) Or \_

e.KeyChar = CChar(ChrW(Keys.Space)) Then

e.Handled = False

Else

e.Handled = True

EndIf

EndIf

EndSub

PrivateSub txtUser\_MarginChanged(ByVal sender AsObject, ByVal e As System.EventArgs) Handles txtUser.MarginChanged

EndSub

PrivateSub txtUser\_TextChanged(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles txtUser.TextChanged

txtUser.Text = StripNonAlphaNum(txtUser.Text)

EndSub

PrivateSub btnOk\_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btnOk.Click

Call cekUser()

Call cekPassword()

EndSub

PrivateSub txtPass\_TextChanged(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles txtPass.TextChanged

EndSub

PrivateSub Label1\_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Label1.Click

EndSub

PrivateSub PictureBox1\_Click(ByVal sender As System.Object, ByVal e As System.EventArgs)

EndSub

PrivateSub BtnBatal\_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles BtnBatal.Click

Me.Close()

EndSub

EndClass

**\*\*\*\* Entry Data Standar \*\*\*\***

PublicClassfrmStandar

Dim valid AsBoolean

Sub databaru()

txtNama.Text = ""

txtBobot.Text = ""

cboJenis.Text = ""

txtNama.Focus()

EndSub

Sub kosongkan()

Call tidaksiapisi()

txtKode.Text = ""

txtNama.Text = ""

txtBobot.Text = ""

cboJenis.Text = ""

txtKode.Enabled = True

txtKode.Focus()

EndSub

Sub siapisi()

txtNama.Enabled = True

txtBobot.Enabled = True

cboJenis.Enabled = True

btnEdit.Enabled = False

btnHapus.Enabled = False

btnSimpan.Enabled = True

EndSub

Sub tidaksiapisi()

txtNama.Enabled = False

txtBobot.Enabled = False

cboJenis.Enabled = False

btnSimpan.Enabled = False

btnHapus.Enabled = False

btnEdit.Enabled = False

EndSub

Sub Tampil\_Standar()

da = NewOdbcDataAdapter("Select kode\_std,nama\_standar,Bobot,Perbaikan\_Bobot,If(Jenis\_Std='B','Benefit','Cost') "& \_

"from tbstandar order by kode\_std", Conn)

ds = NewDataSet

ds.Clear()

da.Fill(ds, "tbstandar")

DGV.DataSource = (ds.Tables("tbstandar"))

DGV.ReadOnly = True

DGV.AllowUserToAddRows = False

DGV.Columns(0).Width = 50

DGV.Columns(1).Width = 170

DGV.Columns(2).Width = 60

DGV.Columns(3).Width = 75

DGV.GridColor = Color.Blue

DGV.DefaultCellStyle.ForeColor = Color.Blue

DGV.RowHeadersDefaultCellStyle.BackColor = Color.DeepPink

DGV.AlternatingRowsDefaultCellStyle.BackColor = Color.Yellow

DGV.SelectionMode = DataGridViewSelectionMode.FullRowSelect

DGV.ColumnHeadersDefaultCellStyle.Alignment = DataGridViewContentAlignment.MiddleCenter

DGV.Columns(0).DefaultCellStyle.Alignment = DataGridViewContentAlignment.MiddleCenter

DGV.Columns(2).DefaultCellStyle.Alignment = DataGridViewContentAlignment.MiddleCenter

DGV.Columns(3).DefaultCellStyle.Alignment = DataGridViewContentAlignment.MiddleCenter

DGV.Columns(3).DefaultCellStyle.Format = "0.####"

DGV.Columns(0).HeaderText = "Kode Std"

DGV.Columns(1).HeaderText = "Nama Standar"

DGV.Columns(2).HeaderText = "Bobot"

DGV.Columns(3).HeaderText = "Perbaikan Bobot"

DGV.Columns(4).HeaderText = "Jenis Standar"

EndSub

Sub NomorOtomatis()

cmd = NewOdbcCommand("select \* from tbstandar order by Kode\_std desc", Conn)

rd = cmd.ExecuteReader

rd.Read()

IfNot rd.HasRows = TrueThen

txtKode.Text = "S" + "1"

Else

txtKode.Text = Val(Microsoft.VisualBasic.Right(rd.Item("kode\_std").ToString, 1)) + 1

If Len(txtKode.Text) = 1 Then

txtKode.Text = "S"& txtKode.Text &""

EndIf

EndIf

EndSub

Sub CekData()

cmd = NewOdbcCommand("select \* from tbstandar where kode\_std='"& txtKode.Text &"' ", Conn)

rd = cmd.ExecuteReader

rd.Read()

If rd.HasRows = TrueThen

txtNama.Text = rd.Item("nama\_standar")

txtBobot.Text = rd.Item("bobot")

If rd.Item("jenis\_std") = "B"Then

cboJenis.Text = "Benefit"

Else

cboJenis.Text = "Cost"

EndIf

Call tidaksiapisi()

btnEdit.Enabled = True

btnHapus.Enabled = True

txtKode.Enabled = False

Else

Call databaru()

Call siapisi()

EndIf

EndSub

PrivateSub btnSimpan\_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btnSimpan.Click

Call Validasi()

If valid = TrueThen

cmd = NewOdbcCommand("Select \* from tbstandar where kode\_std='"& txtKode.Text &"' ", Conn)

rd = cmd.ExecuteReader

rd.Read()

IfNot rd.HasRows Then

Dim sqltambah AsString = "Insert into tbstandar (kode\_std,nama\_standar,bobot,jenis\_std) values "& \_

"('"& txtKode.Text &"','"& Trim(txtNama.Text) &"','"& txtBobot.Text &"',"& \_

"'"& Microsoft.VisualBasic.Left(cboJenis.Text, 1) &"')"

cmd = NewOdbcCommand(sqltambah, Conn)

Else

Dim sqledit AsString = "Update tbstandar set "& \_

"nama\_standar='"& Trim(txtNama.Text) &"', "& \_

"bobot='"& txtBobot.Text &"', "& \_

"jenis\_std='"& Microsoft.VisualBasic.Left(cboJenis.Text, 1) &"' "& \_

" where kode\_std='"& txtKode.Text &"' "

cmd = NewOdbcCommand(sqledit, Conn)

EndIf

cmd.ExecuteNonQuery()

Call Tampil\_Standar()

btnBatal\_Click(sender, e)

EndIf

EndSub

Sub Validasi()

If txtNama.Text = ""Then

MsgBox("Nama Standar Belum diisi", , "Perhatian...!")

txtNama.Focus()

valid = False

Exit Sub

Else

valid = True

EndIf

If txtBobot.Text = ""Then

MsgBox("Bobot Standar Belum diisi", , "Perhatian...!")

txtBobot.Focus()

valid = False

Exit Sub

Else

valid = True

EndIf

If cboJenis.Text = ""Then

MsgBox("Jenis Standar Belum diisi", , "Perhatian...!")

cboJenis.Focus()

valid = False

Exit Sub

Else

valid = True

EndIf

EndSub

PrivateSub btnEdit\_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btnEdit.Click

btnEdit.Enabled = False

btnHapus.Enabled = False

Call siapisi()

txtNama.Focus()

EndSub

PrivateSub btnHapus\_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btnHapus.Click

cmd = NewOdbcCommand("Select \* from tbindikator where kode\_std='"& txtKode.Text &"'", Conn)

rd = cmd.ExecuteReader

rd.Read()

If rd.HasRows Then

MsgBox("Maaf, Standar tersebut tidak dapat di Hapus...", , "Perhatian...!")

Else

IfMessageBox.Show("Yakin akan dihapus..?", "Hapus Data", MessageBoxButtons.YesNo) = Windows.Forms.DialogResult.Yes Then

cmd = NewOdbcCommand("Delete from tbstandar where kode\_std='"& txtKode.Text &"' ", Conn)

cmd.ExecuteNonQuery()

EndIf

EndIf

Call Tampil\_Standar()

Call kosongkan()

EndSub

PrivateSub btnBatal\_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btnBatal.Click

Call kosongkan()

' Call NomorOtomatis()

EndSub

PrivateSub btnTutup\_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btnTutup.Click

Call HitungPerbaikanBobot()

Me.Dispose()

EndSub

PrivateSub txtBobot\_KeyPress(ByVal sender AsObject, ByVal e As System.Windows.Forms.KeyPressEventArgs) Handles txtBobot.KeyPress

IfNot ((e.KeyChar >= "1"And e.KeyChar <= "5") Or e.KeyChar = vbBack) Then e.Handled() = True

EndSub

PrivateSub frmstandar\_KeyPress(ByVal sender AsObject, ByVal e As System.Windows.Forms.KeyPressEventArgs) HandlesMe.KeyPress

If Asc(e.KeyChar) = Keys.Enter Then

SendKeys.Send("{tab}")

EndIf

EndSub

PrivateSub frmStandar\_Load(ByVal sender As System.Object, ByVal e As System.EventArgs) HandlesMyBase.Load

Call databaru()

Call tidaksiapisi()

Call kosongkan()

Call Tampil\_Standar()

'Call NomorOtomatis()

EndSub

PrivateSub txtKode\_KeyPress(ByVal sender AsObject, ByVal e As System.Windows.Forms.KeyPressEventArgs) Handles txtKode.KeyPress

If e.KeyChar = Chr(13) Then

Call CekData()

EndIf

EndSub

PrivateSub DGV\_CellDoubleClick(ByVal sender AsObject, ByVal e As System.Windows.Forms.DataGridViewCellEventArgs) Handles DGV.CellDoubleClick

txtKode.Text = DGV.Rows(e.RowIndex).Cells(0).Value

Call CekData()

EndSub

Sub HitungPerbaikanBobot()

Dim nBobot(50), nPBobot(50) AsSingle

Dim cCriteria(50) AsString

Dim nUrut, nJumlah AsInteger

cmd = NewOdbcCommand("Select \* from tbstandar order by kode\_std", Conn)

rd = cmd.ExecuteReader

nJumlah = 0

nUrut = 0

'Hitung Jumlah Bobot Keseluruhan

While rd.Read

nBobot(nUrut) = rd.Item("bobot")

cCriteria(nUrut) = rd.Item("kode\_std")

nJUmlah = nJUmlah + nBobot(nUrut)

nUrut = nUrut + 1

EndWhile

'Hitung Perbaikan bobot

For A = 0 To nUrut

nPBobot(A) = nBobot(A) / nJumlah

Next A

'Update Field Perbaikan Bobot

For A = 0 To nUrut

cmd = NewOdbcCommand("Select \* from tbstandar where kode\_std='"& cCriteria(A) &"' ", Conn)

rd = cmd.ExecuteReader

rd.Read()

If rd.HasRows Then

Dim sqledit AsString = "Update tbstandar set "& \_

"perbaikan\_bobot='"& Microsoft.VisualBasic.Str(nPBobot(A)) &"' "& \_

" where kode\_std='"& cCriteria(A) &"' "

cmd = NewOdbcCommand(sqledit, Conn)

cmd.ExecuteNonQuery()

EndIf

Next A

EndSub

PrivateSub txtBobot\_TextChanged(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles txtBobot.TextChanged

EndSub

EndClass

**\*\*\*\* Laporan Nilai Hasil Perhitungan Metode WP\*\*\*\***

PublicClassFrmProsesMetodeWP

Dim rd2, rd3, rd4 AsOdbcDataReader

Dim cKode\_Pdd AsString

Dim cKode\_std(50), cKet(50), cPeriode(50), cPangkat(50) AsString

Dim nBobot(50) AsSingle

Dim A, B, jmlKriteria AsByte

Dim strkode\_Kriteria() AsString

PrivateSub btnTutup\_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btnTutup.Click

Me.Close()

EndSub

PrivateSub FrmProsesMetodeWP\_Load(ByVal sender As System.Object, ByVal e As System.EventArgs) HandlesMyBase.Load

EndSub

PrivateSub btnProses\_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btnProses.Click

cmd = NewOdbcCommand("select \* from tbstandar order by kode\_std", Conn)

rd = cmd.ExecuteReader

A = 0

While rd.Read

cKode\_std(A) = rd.Item("kode\_std")

nBobot(A) = rd.Item("bobot")

cKet(A) = rd.Item("jenis\_std")

If cKet(A) = "B"Then

cPangkat(A) = nBobot(A)

Else

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

EndIf

A = A + 1

EndWhile

cmd = NewOdbcCommand("select \* from tbpenilaian\_std ", Conn)

rd = cmd.ExecuteReader

rd.Read()

If rd.HasRows = TrueThen

Call Hitung\_VektorS()

Else

MsgBox("Maaf, Penilaian pd Periode tsb, belum ada", , "Perhatian...!")

EndIf

Call Tampil\_Kriteria()

Call TampilHasilPenilaian()

Call TampilHasil\_VektorS()

Call TampilHasil\_VektorV()

EndSub

Sub Hitung\_VektorS()

Dim nRata2, nTotalInd AsSingle

Dim cKategori AsString

Dim nHslPangkat, nHslKali AsSingle

Dim cBltPangkat, cBltKali, cBltRata AsString

cmd = NewOdbcCommand("select \* from tbpenilaian\_std group by Periode order by Periode", Conn)

rd = cmd.ExecuteReader

A = 0

DoWhile rd.Read

cPeriode(A) = rd.Item("Periode")

cmd = NewOdbcCommand("select \* from tbpenilaian\_std where periode='"& cPeriode(A) &"' order by Periode", Conn)

rd2 = cmd.ExecuteReader

B = 0

cBltKali = ""

nHslKali = 1

cBltPangkat = ""

nHslPangkat = 0

nRata2 = 0

cKategori = ""

cBltRata = ""

nTotalInd = 0

DoWhile rd2.Read

cmd = NewOdbcCommand("select \* from tbpenilaian\_std where Periode='"& cPeriode(A) &"' "& \_

"and kode\_std = '"& cKode\_std(B) &"' order by Periode", Conn)

rd3 = cmd.ExecuteReader

rd3.Read()

If rd3.HasRows = TrueThen

'Menghitung Vektor S

nHslPangkat = Val(rd3.Item("nilai")) ^ Val(cPangkat(B))

nHslKali = nHslKali \* nHslPangkat

cBltPangkat = Replace(nHslPangkat, ",", ".")

cBltKali = Replace(nHslKali, ",", ".")

nTotalInd = nTotalInd + rd3.Item("hasil")

EndIf

'Simpan Hasil ke Tabel Vektor S

cmd = NewOdbcCommand("select \* from tbvektor\_s where Periode='"& cPeriode(A) &"' and "& \_

" kode\_std = '"& cKode\_std(B) &"'", Conn)

rd4 = cmd.ExecuteReader

rd4.Read()

IfNot rd4.HasRows Then

Dim sqlsimpan AsString = "Insert into tbvektor\_s (Periode,kode\_std,nilai) values "& \_

"('"& cPeriode(A) &"','"& cKode\_std(B) &"','"& cBltPangkat &"')"

cmd = NewOdbcCommand(sqlsimpan, Conn)

cmd.ExecuteNonQuery()

Else

Dim sqlupdate AsString = "update tbvektor\_s set nilai= '"& cBltPangkat &"' where Periode='"& cPeriode(A) &"' "& \_

"and kode\_std = '"& cKode\_std(B) &"' "

cmd = NewOdbcCommand(sqlupdate, Conn)

cmd.ExecuteNonQuery()

EndIf

B = B + 1

Loop

nRata2 = nTotalInd / B

If nRata2 >= 3.5 Then

cKategori = "Sangat Baik"

ElseIf nRata2 >= 3 Then

cKategori = "Baik"

ElseIf nRata2 >= 2.5 Then

cKategori = "Cukup"

ElseIf nRata2 >= 2 Then

cKategori = "Perbaikan Minor"

ElseIf nRata2 >= 1.5 Then

cKategori = "Perbaikan Mayor"

Else

cKategori = "Perbaikan menyuluh dan Mendesak"

EndIf

cBltRata = Replace(nRata2, ",", ".")

'Simpan Hasil ke Tabel Hasil

cmd = NewOdbcCommand("select \* from tbhasil where Periode='"& cPeriode(A) &"' ", Conn)

rd4 = cmd.ExecuteReader

rd4.Read()

IfNot rd4.HasRows Then

Dim sqlsimpan AsString = "Insert into tbhasil (Periode,hasil\_vektors,mutu,kategori) values "& \_

"('"& cPeriode(A) &"','"& cBltKali &"','"& cBltRata &"','"& cKategori &"')"

cmd = NewOdbcCommand(sqlsimpan, Conn)

cmd.ExecuteNonQuery()

Else

Dim sqlupdate AsString = "update tbhasil set hasil\_vektors= '"& cBltRata &"', "& \_

"mutu= '"& cBltRata &"' ,kategori= '"& cKategori &"' where Periode='"& cPeriode(A) &"' "

cmd = NewOdbcCommand(sqlupdate, Conn)

cmd.ExecuteNonQuery()

EndIf

A = A + 1

Loop

Call Hitung\_VektorV()

EndSub

Sub Hitung\_VektorV()

Dim nTotal AsSingle

Dim nVektorV(50) AsSingle

Dim cBltVektorV(50) AsString

cmd = NewOdbcCommand("select sum(hasil\_vektors) as nJumlah from tbhasil ", Conn)

rd2 = cmd.ExecuteReader

rd2.Read()

nTotal = rd2.Item("njumlah")

'rd.Close()

cmd = NewOdbcCommand("select \* from tbhasil order by Periode", Conn)

rd = cmd.ExecuteReader

A = 0

DoWhile rd.Read

cPeriode(A) = rd.Item("Periode")

nVektorV(A) = rd.Item("Hasil\_vektors") / nTotal

cBltVektorV(A) = Replace(nVektorV(A), ",", ".")

'Simpan Hasil ke Tabel Hasil Vektor S

cmd = NewOdbcCommand("select \* from tbhasil where Periode='"& cPeriode(A) &"' ", Conn)

rd2 = cmd.ExecuteReader

rd2.Read()

IfNot rd2.HasRows Then

Dim sqlsimpan AsString = "Insert into tbhasil (Periode,hasil\_vektorv) values "& \_

"('"& cPeriode(A) &"','"& cBltVektorV(A) &"')"

cmd = NewOdbcCommand(sqlsimpan, Conn)

cmd.ExecuteNonQuery()

Else

Dim sqlupdate AsString = "update tbhasil set hasil\_vektorv= '"& cBltVektorV(A) &"' where Periode='"& cPeriode(A) &"' "

cmd = NewOdbcCommand(sqlupdate, Conn)

cmd.ExecuteNonQuery()

EndIf

A = A + 1

Loop

EndSub

Sub Tampil\_Kriteria()

da = NewOdbcDataAdapter("Select Kode\_std,Nama\_Standar,Bobot,if(Jenis\_std='B','Benefit','Cost') as Jenis\_Std "& \_

"from tbstandar order by kode\_std", Conn)

ds = NewDataSet

ds.Clear()

da.Fill(ds, "tbstandar")

DGV1.DataSource = (ds.Tables("tbstandar"))

DGV1.ReadOnly = True

DGV1.AllowUserToAddRows = False

DGV1.Columns(0).Width = 100

DGV1.Columns(1).Width = 240

DGV1.Columns(2).Width = 80

DGV1.Columns(3).Width = 100

DGV1.GridColor = Color.Blue

DGV1.DefaultCellStyle.ForeColor = Color.Blue

DGV1.RowHeadersDefaultCellStyle.BackColor = Color.DeepPink

DGV1.AlternatingRowsDefaultCellStyle.BackColor = Color.Yellow

DGV1.SelectionMode = DataGridViewSelectionMode.FullRowSelect

DGV1.ColumnHeadersDefaultCellStyle.Alignment = DataGridViewContentAlignment.MiddleCenter

DGV1.Columns(0).DefaultCellStyle.Alignment = DataGridViewContentAlignment.MiddleCenter

DGV1.Columns(2).DefaultCellStyle.Alignment = DataGridViewContentAlignment.MiddleCenter

DGV1.Columns(2).DefaultCellStyle.Format = "0.000"

DGV1.Columns(0).HeaderText = "Kode Std"

DGV1.Columns(1).HeaderText = "Nama Standar"

DGV1.Columns(2).HeaderText = "Bobot"

DGV1.Columns(3).HeaderText = "Jenis Standar"

EndSub

Sub TampilHasilPenilaian()

DGV2.ReadOnly = True

DGV2.AllowUserToAddRows = False

DGV2.Columns.Clear()

DGV2.Rows.Clear()

DGV2.Columns.Add("kode", "Periode")

Dim lstkode\_Kriteria AsNewList(OfString)

Dim cNilai AsString = ""

Dim sql AsString = "Select nama\_standar,kode\_std from tbstandar order by kode\_std"

Dim cmd AsNewOdbcCommand(sql, Conn)

Dim rd AsOdbcDataReader = cmd.ExecuteReader

While rd.Read

DGV2.Columns.Add(rd(0), rd(0))

lstkode\_Kriteria.Add(rd(1))

EndWhile

strkode\_Kriteria = lstkode\_Kriteria.ToArray

jmlKriteria = lstkode\_Kriteria.Count

rd.Close()

sql = "select Periode from tbpenilaian\_std group by periode order by Periode "

cmd = NewOdbcCommand(sql, Conn)

rd = cmd.ExecuteReader

Dim i AsInteger = 0

While rd.Read

DGV2.Rows.Add()

DGV2.Item(0, i).Value = rd(0)

' DGV2.Item(1, i).Value = rd(1)

' DGV2.Item(2, i).Value = rd(2)

i += 1

EndWhile

rd.Close()

sql = "select \* from tbpenilaian\_std group by periode "

cmd = NewOdbcCommand(sql, Conn)

rd = cmd.ExecuteReader

If rd.HasRows Then

rd.Close()

For j AsInteger = 0 To DGV2.RowCount - 1

sql = "select kode\_std from tbpenilaian\_std where Periode='"& DGV2.Item(0, j).Value &"'"

cmd = NewOdbcCommand(sql, Conn)

rd = cmd.ExecuteReader

i = 0

While rd.Read

cmd = NewOdbcCommand("select nilai from tbpenilaian\_std where kode\_std='"& rd(0) &"' and `Periode`='"& DGV2.Item(0, j).Value &"' ", Conn)

rd2 = cmd.ExecuteReader

rd2.Read()

If rd2.HasRows = TrueThen

cNilai = rd2.Item(0)

EndIf

DGV2.Item(i + 1, j).Value = cNilai

i += 1

EndWhile

rd.Close()

Next

Else

rd.Close()

EndIf

ForEach col AsDataGridViewColumnIn DGV2.Columns

col.SortMode = DataGridViewColumnSortMode.Programmatic

Next

DGV2.Columns(0).Width = 90

DGV2.Columns(1).Width = 170

DGV2.Columns(2).Width = 150

DGV2.GridColor = Color.Blue

DGV2.DefaultCellStyle.ForeColor = Color.Blue

DGV2.RowHeadersDefaultCellStyle.BackColor = Color.DeepPink

DGV2.AlternatingRowsDefaultCellStyle.BackColor = Color.Yellow

DGV2.SelectionMode = DataGridViewSelectionMode.FullRowSelect

DGV2.ColumnHeadersDefaultCellStyle.Alignment = DataGridViewContentAlignment.MiddleCenter

DGV2.Columns(0).DefaultCellStyle.Alignment = DataGridViewContentAlignment.MiddleCenter

For k AsInteger = 1 To jmlKriteria

DGV2.Columns(k).Width = 70

DGV2.Columns(k).DefaultCellStyle.Alignment = DataGridViewContentAlignment.MiddleCenter

Next

EndSub

Sub TampilHasil\_VektorS()

da = NewOdbcDataAdapter("Select Periode ,Hasil\_vektors "& \_

" from tbhasil group by periode order by Periode", Conn)

ds = NewDataSet

ds.Clear()

da.Fill(ds, "rekap\_nilai")

DGV3.DataSource = (ds.Tables("rekap\_nilai"))

DGV3.ReadOnly = True

DGV3.AllowUserToAddRows = False

DGV3.Columns(0).Width = 100

DGV3.Columns(1).Width = 170

DGV3.GridColor = Color.Blue

DGV3.DefaultCellStyle.ForeColor = Color.Blue

DGV3.RowHeadersDefaultCellStyle.BackColor = Color.DeepPink

DGV3.AlternatingRowsDefaultCellStyle.BackColor = Color.Yellow

DGV3.SelectionMode = DataGridViewSelectionMode.FullRowSelect

DGV3.ColumnHeadersDefaultCellStyle.Alignment = DataGridViewContentAlignment.MiddleCenter

DGV3.Columns(0).DefaultCellStyle.Alignment = DataGridViewContentAlignment.MiddleCenter

DGV3.Columns(1).DefaultCellStyle.Alignment = DataGridViewContentAlignment.MiddleCenter

DGV3.Columns(1).DefaultCellStyle.Format = "0.000"

DGV3.Columns(0).HeaderText = "Periode"

DGV3.Columns(1).HeaderText = "Hasil"

EndSub

Sub TampilHasil\_VektorV()

da = NewOdbcDataAdapter("Select Periode,Hasil\_vektorv,Mutu,Kategori "& \_

" from tbhasil group by periode order by Kategori, Hasil\_vektorv Desc", Conn)

ds = NewDataSet

ds.Clear()

da.Fill(ds, "rekap\_nilai")

DGV4.DataSource = (ds.Tables("rekap\_nilai"))

DGV4.ReadOnly = True

DGV4.AllowUserToAddRows = False

DGV4.Columns(0).Width = 90

DGV4.Columns(1).Width = 110

DGV4.Columns(2).Width = 120

DGV4.Columns(3).Width = 230

DGV4.GridColor = Color.Blue

DGV4.DefaultCellStyle.ForeColor = Color.Blue

DGV4.RowHeadersDefaultCellStyle.BackColor = Color.DeepPink

DGV4.AlternatingRowsDefaultCellStyle.BackColor = Color.Yellow

DGV4.SelectionMode = DataGridViewSelectionMode.FullRowSelect

DGV4.ColumnHeadersDefaultCellStyle.Alignment = DataGridViewContentAlignment.MiddleCenter

DGV4.Columns(0).DefaultCellStyle.Alignment = DataGridViewContentAlignment.MiddleCenter

DGV4.Columns(1).DefaultCellStyle.Alignment = DataGridViewContentAlignment.MiddleCenter

DGV4.Columns(2).DefaultCellStyle.Alignment = DataGridViewContentAlignment.MiddleCenter

DGV4.Columns(1).DefaultCellStyle.Format = "0.000"

DGV4.Columns(0).HeaderText = "Periode"

DGV4.Columns(1).HeaderText = "Hasil"

EndSub

EndClass