**LISTING PROGRAM**

**Form Login**

Imports System.Data.OleDb

Public Class FORM\_LOGIN

Private Sub btnlogin\_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btnlogin.Click

Sql = "Select \* From tbllogin where user='" & txtuser.Text & "' and pass='" & txtpass.Text & "'"

Perintah = New OleDbCommand(Sql, Cn)

Rd = Perintah.ExecuteReader

If Rd.Read Then

MsgBox("Login Berhasil")

Menu\_Utama.Show()

Me.Hide()

txtuser.ResetText()

txtpass.ResetText()

Else

MsgBox("Maaf Username dan Password Salah")

txtuser.ResetText()

txtpass.ResetText()

txtuser.Focus()

End If

End Sub

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

Koneksi()

End Sub

Private Sub btncancel\_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btncancel.Click

End

End Sub

End Class

**Module**

Imports System.Data.OleDb

Module Module1

Public Cn As OleDbConnection

Public skripsi As String

Public Perintah As OleDbCommand

Public Rd As OleDbDataReader

Public Sql As String

Public Sub Koneksi()

skripsi = "Provider=Microsoft.ACE.OLEDB.12.0;Data Source=" & \_

Application.StartupPath & "\data.mdb"

Cn = New OleDbConnection(skripsi)

If Cn.State = ConnectionState.Closed Then

Cn.Open()

End If

End Sub

Public Function open() As OleDb.OleDbConnection

Dim conect As New OleDb.OleDbConnection("Provider=Microsoft.ACE.OLEDB.12.0;Data Source=" & \_

Application.StartupPath & "\data.mdb")

conect.Open()

Return conect

End Function

Sub BukaKoneksi()

Cn.ConnectionString = "Provider=Microsoft.ACE.OLEDB.12.0;Data Source=" & \_

Application.StartupPath & "\data.mdb"

Cn.Open()

End Sub

End Module

**Menu Utama**

Public Class Menu\_Utama

Private Sub DataPenyakitToolStripMenuItem\_Click\_1(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles DataPenyakitToolStripMenuItem.Click

Data\_Hama.Show()

End Sub

Private Sub DataGejalaToolStripMenuItem\_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles DataGejalaToolStripMenuItem.Click

Data\_Gejala.Show()

End Sub

Private Sub BasisAturanToolStripMenuItem\_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles BasisAturanToolStripMenuItem.Click

Basis\_Aturan.Show()

End Sub

Private Sub PROSESToolStripMenuItem\_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles PROSESToolStripMenuItem.Click

Diagnosa.Show()

End Sub

Private Sub KELUARToolStripMenuItem\_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles KELUARToolStripMenuItem.Click

End

End Sub

Private Sub LAPORANToolStripMenuItem\_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles LAPORANToolStripMenuItem.Click

AxCrystalReport1.ReportFileName = "Laporan.rpt"

AxCrystalReport1.WindowState = Crystal.WindowStateConstants.crptMaximized

AxCrystalReport1.RetrieveDataFiles()

AxCrystalReport1.Action = 1

End Sub

End Class

**Form Hama**

Imports System.Data.OleDb

Public Class Data\_Hama

Sub TampilData()

Using koneksi As New OleDbConnection(skripsi)

Using cmd As New OleDbCommand("select \* from tblhama order by kd\_hama asc", koneksi)

koneksi.Open()

Using Data As OleDbDataReader = cmd.ExecuteReader

Dim x As Integer = 0

ListView1.Items.Clear()

While Data.Read

ListView1.Items.Add(Data("kd\_hama"))

ListView1.Items(x).SubItems.Add(Data("hama"))

ListView1.Items(x).SubItems.Add(Data("Solusi"))

x = x + 1

End While

End Using

End Using

End Using

End Sub

Private Sub Data\_Penyakit\_Load(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles MyBase.Load

Koneksi()

TampilData()

kodeotomatis()

txtkd.Enabled = False

End Sub

Private Sub btntambah\_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btnsimpan.Click

If txtkd.Text = "" Or txtnm.Text = "" Or txtsolusi.Text = "" Then

MsgBox("Data Belum Lengkap")

Else

Try

Using koneksi As New OleDbConnection(skripsi)

Using Cmd As New OleDbCommand("insert into tblhama values('" & \_

txtkd.Text & "','" & \_

txtnm.Text & "','" & \_

txtsolusi.Text & "')", koneksi)

koneksi.Open()

Cmd.CommandType = CommandType.Text

Cmd.ExecuteNonQuery()

MsgBox("Data " & txtnm.Text & " Berhasil Disimpan")

Call TampilData()

Call bersihdata()

Call kodeotomatis()

End Using

End Using

Catch ex As Exception

MsgBox(ex.Message())

End Try

Call TampilData()

End If

End Sub

Private Sub btnubah\_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btnubah.Click

If txtkd.Text = "" Or txtnm.Text = "" Or txtsolusi.Text = "" Then

MsgBox("Data Belum Dipilih dari Listview")

Else

Try

Using Koneksi As New OleDbConnection(skripsi)

Using Cmd As New OleDbCommand("update tblhama set hama='" & txtnm.Text & \_

"',Solusi='" & txtsolusi.Text & \_

"'where kd\_hama='" & txtkd.Text & "'", Koneksi)

Koneksi.Open()

Cmd.CommandType = CommandType.Text

Cmd.ExecuteNonQuery()

End Using

End Using

MsgBox("Perubahan Data Berhasil")

Call TampilData()

Call bersihdata()

Call kodeotomatis()

Catch ex As Exception

MsgBox(ex.Message())

End Try

End If

End Sub

Sub bersihdata()

txtkd.Text = ""

txtnm.Text = ""

txtsolusi.Text = ""

Call kodeotomatis()

End Sub

Private Sub ListView1\_Click(ByVal sender As Object, ByVal e As System.EventArgs) Handles ListView1.Click

txtkd.Text = ListView1.SelectedItems(0).Text.ToString

txtnm.Text = ListView1.SelectedItems(0).SubItems(1).Text.ToString

txtsolusi.Text = ListView1.SelectedItems(0).SubItems(2).Text.ToString

End Sub

Private Sub btnhapus\_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btnhapus.Click

If txtkd.Text = "" Or txtnm.Text = "" Or txtsolusi.Text = "" Then

MsgBox("Data Belum Dipilih dari Listview")

Else

Dim konfirmasi As String

konfirmasi = MsgBox("Anda Yakin Ingin Menghapus Data Hama " & txtnm.Text & " ...?", vbYesNo, "Konfirmasi")

If konfirmasi = vbYes Then

Try

Using Koneksi As New OleDbConnection(skripsi)

Using Cmd As New OleDbCommand("delete \* from tblhama where kd\_hama='" & txtkd.Text & "'", Koneksi)

Koneksi.Open()

Cmd.CommandType = CommandType.Text

Cmd.ExecuteNonQuery()

End Using

End Using

Call TampilData()

Call bersihdata()

Call kodeotomatis()

Catch ex As Exception

MsgBox(ex.Message())

End Try

Else

bersihdata()

End If

End If

End Sub

Sub kodeotomatis()

On Error Resume Next

Koneksi()

Perintah = New OleDbCommand("SELECT \* FROM tblhama WHERE kd\_hama in (SELECT MAX(kd\_hama)From tblhama) order By kd\_hama", Cn)

Rd = Perintah.ExecuteReader

Rd.Read()

Dim Urut As String

Dim Hitung As String

If Not Rd.HasRows Then

Urut = "P01"

Else

Hitung = Microsoft.VisualBasic.Right(Rd.GetString(0), 2) + 1

Urut = "P" + Microsoft.VisualBasic.Right("00" & Hitung, 2)

End If

txtkd.Text = Urut

Rd.Close() : Urut = Nothing : Hitung = Nothing

End Sub

Private Sub btnbatal\_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btnbersih.Click

bersihdata()

End Sub

Private Sub Button1\_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button1.Click

Me.Close()

End Sub

End Class

**Form Gejala**

Imports System.Data.OleDb

Public Class Data\_Gejala

Sub TampilData()

'Koneksi()

Using koneksi As New OleDbConnection(skripsi)

Using cmd As New OleDbCommand("select \* from tblgejala order by kd\_gejala asc", koneksi)

koneksi.Open()

Using Data As OleDbDataReader = cmd.ExecuteReader

Dim x As Integer = 0

ListView1.Items.Clear()

While Data.Read

ListView1.Items.Add(Data("kd\_gejala"))

ListView1.Items(x).SubItems.Add(Data("gejala"))

ListView1.Items(x).SubItems.Add(Data("probabilitas"))

x = x + 1

End While

End Using

End Using

End Using

End Sub

Private Sub Data\_Gejala\_Load(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles MyBase.Load

Koneksi()

TampilData()

kodeotomatis()

txtkdgejala.Enabled = False

End Sub

Private Sub btnsimpan\_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btnsimpan.Click

If txtkdgejala.Text = "" Or txtnmgejala.Text = "" Or txtprobabilitas.Text = "" Then

MsgBox("Data Belum Lengkap")

Else

Try

Using koneksi As New OleDbConnection(skripsi)

Using Cmd As New OleDbCommand("insert into tblgejala values('" & \_

txtkdgejala.Text & "','" & \_

txtnmgejala.Text & "','" & \_

txtprobabilitas.Text & "')", koneksi)

koneksi.Open()

Cmd.CommandType = CommandType.Text

Cmd.ExecuteNonQuery()

MsgBox("Data " & txtnmgejala.Text & " Berhasil Disimpan")

Call TampilData()

Call bersihdata()

Call kodeotomatis()

End Using

End Using

Catch ex As Exception

MsgBox(ex.Message())

End Try

Call TampilData()

End If

End Sub

Sub bersihdata()

txtkdgejala.Text = ""

txtnmgejala.Text = ""

txtprobabilitas.Text = ""

Call kodeotomatis()

End Sub

Private Sub btnubah\_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btnubah.Click

If txtkdgejala.Text = "" Or txtnmgejala.Text = "" Or txtprobabilitas.Text = "" Then

MsgBox("Data Belum Dipilih dari Listview")

Else

Try

Using Koneksi As New OleDbConnection(skripsi)

Using Cmd As New OleDbCommand("update tblgejala set gejala='" & txtnmgejala.Text & \_

"',probabilitas='" & txtprobabilitas.Text & \_

"' where kd\_gejala='" & txtkdgejala.Text & "'", Koneksi)

Koneksi.Open()

Cmd.CommandType = CommandType.Text

Cmd.ExecuteNonQuery()

End Using

End Using

MsgBox("Perubahan Data Berhasil")

Call TampilData()

Call bersihdata()

Call kodeotomatis()

Catch ex As Exception

MsgBox(ex.Message())

End Try

End If

End Sub

Private Sub ListView1\_Click(ByVal sender As Object, ByVal e As System.EventArgs) Handles ListView1.Click

txtkdgejala.Text = ListView1.SelectedItems(0).Text.ToString

txtnmgejala.Text = ListView1.SelectedItems(0).SubItems(1).Text.ToString

txtprobabilitas.Text = ListView1.SelectedItems(0).SubItems(2).Text.ToString

End Sub

Private Sub btnhapus\_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btnhapus.Click

If txtkdgejala.Text = "" Or txtnmgejala.Text = "" Or txtprobabilitas.Text = "" Then

MsgBox("Data Belum Dipilih dari Listview")

Else

Dim konfirmasi As String

konfirmasi = MsgBox("Anda Yakin Ingin Menghapus Data Gejala " & txtnmgejala.Text & " ...?", vbYesNo, "Konfirmasi")

If konfirmasi = vbYes Then

Try

Using Koneksi As New OleDbConnection(skripsi)

Using Cmd As New OleDbCommand("delete \* from tblgejala where kd\_gejala='" & txtkdgejala.Text & "'", Koneksi)

Koneksi.Open()

Cmd.CommandType = CommandType.Text

Cmd.ExecuteNonQuery()

End Using

End Using

Call TampilData()

Call bersihdata()

Call kodeotomatis()

Catch ex As Exception

MsgBox(ex.Message())

End Try

Else

bersihdata()

End If

End If

End Sub

Sub kodeotomatis()

On Error Resume Next

Koneksi()

Perintah = New OleDbCommand("SELECT \* FROM tblgejala WHERE kd\_gejala in (SELECT MAX(kd\_gejala)From tblgejala) order By kd\_gejala", Cn)

Rd = Perintah.ExecuteReader

Rd.Read()

Dim Urut As String

Dim Hitung As String

If Not Rd.HasRows Then

Urut = "G01"

Else

Hitung = Microsoft.VisualBasic.Right(Rd.GetString(0), 2) + 1

Urut = "G" + Microsoft.VisualBasic.Right("00" & Hitung, 2)

End If

txtkdgejala.Text = Urut

Rd.Close() : Urut = Nothing : Hitung = Nothing

End Sub

Private Sub btnbersih\_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btnbersih.Click

bersihdata()

End Sub

Private Sub Button1\_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button1.Click

Me.Close()

End Sub

End Class

**Basis Aturan**

Imports System.Data.OleDb

Public Class Basis\_Aturan

Dim kodepengetahuan As String

Sub TampilData()

Koneksi()

Using koneksi As New OleDbConnection(skripsi)

Using cmd As New OleDbCommand("select \* from tblbasisaturan order by kd\_pengetahuan asc", koneksi)

koneksi.Open()

Using Data As OleDbDataReader = cmd.ExecuteReader

Dim x As Integer = 0

ListView1.Items.Clear()

While Data.Read

ListView1.Items.Add(Data("kd\_pengetahuan"))

ListView1.Items(x).SubItems.Add(Data("kd\_hama"))

ListView1.Items(x).SubItems.Add(Data("kd\_gejala"))

ListView1.Items(x).SubItems.Add(Data("gejala"))

ListView1.Items(x).SubItems.Add(Data("probabilitas"))

x = x + 1

End While

End Using

End Using

End Using

Using koneksi As New OleDbConnection(skripsi)

Using cmd As New OleDbCommand("select \* from tblhama order by kd\_hama asc", koneksi)

koneksi.Open()

Using Data As OleDbDataReader = cmd.ExecuteReader

Dim x As Integer = 0

cbkdhama.Items.Clear()

While Data.Read

cbkdhama.Items.Add(Data("kd\_hama"))

x = x + 1

End While

End Using

End Using

End Using

Using koneksi As New OleDbConnection(skripsi)

Using cmd As New OleDbCommand("select \* from tblgejala order by kd\_gejala asc", koneksi)

koneksi.Open()

Using Data As OleDbDataReader = cmd.ExecuteReader

Dim x As Integer = 0

cbkdgejala.Items.Clear()

While Data.Read

cbkdgejala.Items.Add(Data("kd\_gejala"))

x = x + 1

End While

End Using

End Using

End Using

End Sub

Private Sub Basis\_Aturan\_Load(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles MyBase.Load

Koneksi()

TampilData()

txtgejala.Enabled = False

txtnilai.Enabled = False

End Sub

Private Sub btnsimpan\_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btnsimpan.Click

If cbkdhama.Text = "" Or cbkdgejala.Text = "" Or txtnilai.Text = "" Then

MsgBox("Data Belum Lengkap")

Else

Try

Using koneksi As New OleDbConnection(skripsi)

Using Cmd As New OleDbCommand("insert into tblbasisaturan(kd\_hama,kd\_gejala,gejala,probabilitas) values('" & \_

cbkdhama.Text & "','" & \_

cbkdgejala.Text & "','" & \_

txtgejala.Text & "','" & \_

txtnilai.Text & "')", koneksi)

koneksi.Open()

Cmd.CommandType = CommandType.Text

Cmd.ExecuteNonQuery()

MsgBox("Data Berhasil Disimpan")

Call TampilData()

Call bersihdata()

End Using

End Using

Catch ex As Exception

MsgBox(ex.Message())

End Try

Call TampilData()

End If

End Sub

Private Sub ListView1\_Click(ByVal sender As Object, ByVal e As System.EventArgs) Handles ListView1.Click

kodepengetahuan = ListView1.SelectedItems(0).Text.ToString

cbkdhama.Text = ListView1.SelectedItems(0).SubItems(1).Text.ToString

cbkdgejala.Text = ListView1.SelectedItems(0).SubItems(2).Text.ToString

txtgejala.Text = ListView1.SelectedItems(0).SubItems(3).Text.ToString

txtnilai.Text = ListView1.SelectedItems(0).SubItems(4).Text.ToString

End Sub

Sub bersihdata()

cbkdhama.Text = ""

cbkdgejala.Text = ""

txtgejala.Text = ""

txtnilai.Text = ""

End Sub

Private Sub btnhapus\_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btnhapus.Click

If cbkdhama.Text = "" Or cbkdgejala.Text = "" Then

MsgBox("Data Belum Dipilih dari Listview")

Else

Dim konfirmasi As String

konfirmasi = MsgBox("Anda Yakin Ingin Menghapus Data Penyakit " & cbkdgejala.Text & " ...?", vbYesNo, "Konfirmasi")

If konfirmasi = vbYes Then

Try

Using Koneksi As New OleDbConnection(skripsi)

Using Cmd As New OleDbCommand("delete \* from tblbasisaturan where kd\_pengetahuan=" & kodepengetahuan & "", Koneksi)

Koneksi.Open()

Cmd.CommandType = CommandType.Text

Cmd.ExecuteNonQuery()

End Using

End Using

Call TampilData()

Call bersihdata()

Catch ex As Exception

MsgBox(ex.Message())

End Try

Else

bersihdata()

End If

End If

End Sub

Private Sub btnbersih\_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btnbersih.Click

bersihdata()

End Sub

Private Sub cbkdgejala\_SelectedIndexChanged(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles cbkdgejala.SelectedIndexChanged

Using koneksi As New OleDbConnection(skripsi)

Using cmd As New OleDbCommand("select \* from tblgejala where kd\_gejala='" & cbkdgejala.Text & "'", koneksi)

koneksi.Open()

Using Data As OleDbDataReader = cmd.ExecuteReader

Dim x As Integer = 0

While Data.Read

txtgejala.Text = (Data("gejala"))

txtnilai.Text = (Data("probabilitas"))

x = x + 1

End While

End Using

End Using

End Using

End Sub

Private Sub Button1\_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button1.Click

Me.Close()

End Sub

End Class

**Form Diagnosa**

Imports System.Data.OleDb

Public Class Diagnosa

Dim kodediagnosa As Integer

Sub TampilData()

Koneksi()

Using koneksi As New OleDbConnection(skripsi)

Using cmd As New OleDbCommand("select \* from tblgejala", koneksi)

koneksi.Open()

Using Data As OleDbDataReader = cmd.ExecuteReader

Dim x As Integer = 0

ListView1.Items.Clear()

While Data.Read

ListView1.Items.Add(Data("kd\_gejala"))

ListView1.Items(x).SubItems.Add(Data("gejala"))

x = x + 1

End While

End Using

End Using

End Using

Dim nomor As Integer = 1

End Sub

Private Sub FORM\_PROSES\_Load(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles MyBase.Load

TampilData()

Koneksi()

kodeotomatis()

txtkode.Enabled = False

txthasil.Enabled = False

txtpenyakit.Enabled = False

txtsolusi.Enabled = False

End Sub

Private Sub btndiagnosa\_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btndiagnosa.Click

If txtnama.Text = "" Or txthp.Text = "" Then

MsgBox("Data Konsul Masih Kosong")

Else

Dim gejalacek As String = ""

Dim gejala As String = ""

Using koneksi As New OleDbConnection(skripsi)

Using cmd As New OleDbCommand("select \* from tblhama order by kd\_hama asc", koneksi)

koneksi.Open()

Using Data As OleDbDataReader = cmd.ExecuteReader

While Data.Read

Dim nilaisemesta As Double = 0

Dim hipotesiskosong As Double = 0

Dim nilaike6 As Double = 0

For Each b1 In ListView1.CheckedItems

Dim a As String = Microsoft.VisualBasic.Mid(b1.ToString, 16, 3)

' MsgBox(a)

Using koneksi1 As New OleDbConnection(skripsi)

Using cmd1 As New OleDbCommand("select \* from tblbasisaturan where kd\_hama ='" & Data("kd\_hama") & "' and kd\_gejala='" & a & "'", koneksi1)

koneksi1.Open()

Using Data1 As OleDbDataReader = cmd1.ExecuteReader

While Data1.Read

nilaisemesta = nilaisemesta + Data1("Probabilitas")

'mencari nilai semesta dengan menjumlahkan dari hipotesa

End While

End Using

End Using

End Using

Next

'3. Langkah ketiga: setelah hasil penjumlahan diatas diketahui, maka didapatkan rumus untuk menghitung nilai semesta adalah sebagai berikut:

For Each b1 In ListView1.CheckedItems

Dim a As String = Microsoft.VisualBasic.Mid(b1.ToString, 16, 3)

Using koneksi1 As New OleDbConnection(skripsi)

Using cmd1 As New OleDbCommand("select \* from tblbasisaturan where kd\_hama ='" & Data("kd\_hama") & "' and kd\_gejala='" & a & "'", koneksi1)

koneksi1.Open()

Using Data1 As OleDbDataReader = cmd1.ExecuteReader

While Data1.Read

Dim PHi As Double = Data1("Probabilitas") / nilaisemesta

'4. Langkah keempat: setelah nilai P(Hi) diketahui, probabilitas hipotesis H tanpa memandang evidence apapun, maka langkah selanjutnya adalah:

hipotesiskosong = hipotesiskosong + (Data1("Probabilitas") \* PHi)

End While

End Using

End Using

End Using

Next

For Each b1 In ListView1.CheckedItems

Dim a As String = Microsoft.VisualBasic.Mid(b1.ToString, 16, 3)

Using koneksi1 As New OleDbConnection(skripsi)

Using cmd1 As New OleDbCommand("select \* from tblbasisaturan where kd\_hama ='" & Data("kd\_hama") & "' and kd\_gejala='" & a & "'", koneksi1)

koneksi1.Open()

Using Data1 As OleDbDataReader = cmd1.ExecuteReader

While Data1.Read

Dim PHi As Double = Data1("Probabilitas") / nilaisemesta

'4. Langkah keempat: setelah nilai P(Hi) diketahui, probabilitas hipotesis H tanpa memandang evidence apapun, maka langkah selanjutnya adalah:

nilaike6 = nilaike6 + ((Data1("Probabilitas") \* PHi) / hipotesiskosong) \* Data1("Probabilitas")

End While

End Using

End Using

End Using

Next

ListView2.Items.Add(Data("kd\_hama"))

ListView2.Items(ListView2.Items.Count - 1).SubItems.Add(nilaike6)

End While

End Using

End Using

End Using

Dim nilaimax As Double = 0

For i = 0 To ListView2.Items.Count - 1

Dim max As Double = ListView2.Items(i).SubItems(1).Text

If max > nilaimax Then

nilaimax = max

Else

nilaimax = nilaimax

End If

Next

Dim hasildiagnosa As String = ""

For i = 0 To ListView2.Items.Count - 1

Dim max As Double = ListView2.Items(i).SubItems(1).Text

If nilaimax = max Then

hasildiagnosa = ListView2.Items(i).Text

End If

Next

txthasil.Text = FormatNumber(nilaimax \* 10, 0) & "%"

Using koneksi As New OleDbConnection(skripsi)

Using cmd As New OleDbCommand("select \* from tblhama where kd\_hama='" & hasildiagnosa & "' ", koneksi)

koneksi.Open()

Using Data As OleDbDataReader = cmd.ExecuteReader

Dim x As Integer = 0

While Data.Read

txtpenyakit.Text = (Data("hama"))

txtsolusi.Text = (Data("Solusi"))

x = x + 1

End While

End Using

End Using

End Using

End If

ListView2.Clear()

End Sub

Private Sub btnsimpan\_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btnsimpan.Click

If txtkode.Text = "" Or txtnama.Text = "" Or txthp.Text = "" Or txthasil.Text = "" Or txtpenyakit.Text = "" Or txtsolusi.Text = "" Then

MsgBox("Data Belum Lengkap")

Else

Try

Using koneksi As New OleDbConnection(skripsi)

Using Cmd As New OleDbCommand("insert into tblhasil values('" & \_

txtkode.Text & "','" & \_

txtnama.Text & "','" & \_

txthp.Text & "','" & \_

txthasil.Text & "','" & \_

txtpenyakit.Text & "','" & \_

txtsolusi.Text & "')", koneksi)

koneksi.Open()

Cmd.CommandType = CommandType.Text

Cmd.ExecuteNonQuery()

MsgBox("Data " & txtnama.Text & " Berhasil Disimpan")

Call bersihdata()

Call TampilData()

Call kodeotomatis()

End Using

End Using

Catch ex As Exception

MsgBox(ex.Message())

End Try

Call TampilData()

End If

End Sub

Sub bersihdata()

txtnama.Text = ""

txthp.Text = ""

txtpenyakit.Text = ""

txthasil.Text = ""

txtsolusi.Text = ""

Call kodeotomatis()

End Sub

Sub kodeotomatis()

On Error Resume Next

BukaKoneksi()

Perintah = New OleDbCommand("SELECT \* FROM tblhasil WHERE Kode\_Diagnosa in (SELECT MAX(Kode\_Diagnosa)From tblhasil) order By Kode\_Diagnosa", Cn)

Rd = Perintah.ExecuteReader

Rd.Read()

Dim Urut As String

Dim Hitung As String

If Not Rd.HasRows Then

Urut = "D001"

Else

Hitung = Microsoft.VisualBasic.Right(Rd.GetString(0), 3) + 1

Urut = "D" + Microsoft.VisualBasic.Right("000" & Hitung, 3)

End If

txtkode.Text = Urut

Rd.Close() : Urut = Nothing : Hitung = Nothing

End Sub

Private Sub btnbersih\_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btnbersih.Click

bersihdata()

End Sub

Private Sub Button1\_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles

End Sub

End Class