**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