Public Class knnalgarithm

Dim heart As Integer

Dim bp As Integer

Dim cholestral As Integer

Dim dia As Integer

Dim freq As Integer

Dim flutter As Integer

Dim bloodsup As Integer

Dim oxi As Integer

Dim wt\_primary As Integer

Dim cor As Integer

Dim ill As Integer

Dim bloodalco As Integer

Dim beatshort As Integer

Dim lessfre As Integer

Dim swell As Integer

Dim caugh As Integer

Dim pressure As Integer

Dim dizz As Integer

Dim gastro As Integer

Dim virus As Integer

Dim pain As Integer

Dim sweat As Integer

Function pridiction\_coronary(ByVal pwt\_primary As Integer, ByVal pbloodsup As Integer, ByVal poxi As Integer) As Integer

oxi = poxi

bloodsup = pbloodsup

cor = 0

ill = 0

If ((pwt\_primary >= 100) And (oxi > 0) And (bloodsup > 0)) Then

ill = 1

End If

Return pwt\_primary

End Function

Function anginopectories(ByVal pbeatshort As Integer, ByVal pbloodsup As Integer, ByVal poxi As Integer) As Integer

beatshort = pbeatshort

oxi = poxi

bloodsup = pbloodsup

If (wt\_primary >= 100) And (oxi > 0) And (bloodsup > 0) And (beatshort > 0) Then

ill = 6

End If

If (wt\_primary < 100) And (oxi > 0) And (bloodsup > 0) And (beatshort > 0) Then

ill = 5

End If

Return ill

End Function

Function congestivedisappointment(ByVal pbloodsup As Integer, ByVal palchohol As Integer) As Integer

bloodsup = pbloodsup

bloodalco = palchohol

If (bloodsup > 0) And (bloodalco > 0) Then

ill = 7

End If

Return ill

End Function

Function cardiomyopathy(ByVal pvirus As Integer, ByVal pdizz As Integer, ByVal plessfre As Integer, ByVal pswell As Integer, ByVal pcaugh As Integer, ByVal ppressure As Integer, ByVal dizzy As Integer, ByVal pgas As Integer) As Integer

gastro = pgas

lessfre = plessfre

swell = pswell

caugh = pcaugh

pressure = ppressure

dizz = pdizz

virus = pvirus

Dim wt\_car As Integer

wt\_car = gastro + lessfre + pcaugh + pressure + pdizz + virus

If ((lessfre > 0) And swell > 0 And caugh > 0 And pressure > 0 And dizzy > 0 And gastro >= 0) Then

ill = 8

End If

If ((virus) And swell > 0 And caugh > 0 And pressure > 0 And dizzy > 0 And gastro >= 0) Then

ill = 9

End If

If (wt\_car > 200) Then

ill = 10

End If

Return ill

End Function

Function arrhythmia(ByVal pfluttering As Integer, ByRef pheartbeat As Integer, ByRef chestpain As Integer, ByRef pshortness As Integer, ByRef pdizz As Integer, ByRef psweat As Integer, ByRef pfreq As Integer) As Integer

flutter = pfluttering

heart = pheartbeat

pain = chestpain

beatshort = pshortness

dizz = pdizz

sweat = psweat

freq = pfreq

Dim tot As Integer

'Dim flutterwt As Integer

tot = flutter + heart + pain + beatshort + sweat + freq

If (tot >= 250) Then

ill = 14

End If

If (flutter > 0 And heart > 0 And pain > 0 And beatshort > 0 And dizz > 0 And sweat > 0 And freq > 0) Then

ill = 11

End If

' If (tot >= 100 And (flutter > 0 Or heart > 0 And pain > 0 And beatshort > 0 And dizz > 0 And sweat > 0 And freq > 0)) Then

'ill = 12

'End If

'If (flutter > 0 And heart > 0 Or pain > 0 Or beatshort > 0 Or dizz > 0 Or sweat > 0 Or freq > 0) Then

'ill = 13

'End If

Return ill

End Function

Function diseasetobedisplayed(ByVal primary As Integer, ByVal cor As Integer, ByVal agni As Integer, ByVal cong As Integer, ByVal coria As Integer, ByVal arri As Integer) As String

Dim ret As String

ret = " Report"

Dim arriflag As Integer

arriflag = 0

If (arri = 11) Then

ret = ret + " Severe arrithmia is detected "

arriflag = arriflag + 1

End If

If (arri = 12) Then

ret = ret + " Moderate arrithmia is detected "

arriflag = arriflag + 1

End If

If (arri = 13) Then

ret = ret + " less Severe arrithmia is detected "

arriflag = arriflag + 1

End If

If (arri = 14) Then

ret = ret + " Mild arrithmia is detected "

arriflag = arriflag + 1

End If

Dim coriaflag As Integer

coriaflag = 0

If (coria = 8) Then

ret = ret + " Severe Coriomyopathy detected "

coriaflag = coriaflag + 1

End If

If (coria = 9) Then

ret = ret + " Severe Coriomyopathy detected "

coriaflag = coriaflag + 1

End If

If (coria = 10) Then

ret = ret + " Moderate Cariomyopathy detected "

coriaflag = coriaflag + 1

End If

Dim agniflag As Integer

agniflag = 0

If (agni = 6) Then

ret = ret + " Severe Angino Pectories illness detected "

agniflag = agniflag + 1

End If

If (agni = 5) Then

ret = ret + " Moderate Angino Pectories illness detected "

agniflag = agniflag + 1

End If

If (agni = 4) Then

ret = ret + " more than moderate Angino Pectories illness detected "

agniflag = agniflag + 1

End If

Dim congflag As Integer

congflag = 0

If (cong = 7) Then

ret = ret + " Congestive Heart Disappointment detected "

congflag = congflag + 1

End If

If (primary >= 100) Then

ret = ret + " Mild Coronary illness detected "

congflag = congflag + 1

End If

Dim corflag As Integer

corflag = 0

If (cor = 1) Then

ret = ret + " Severe Coronary illness detected "

corflag = corflag + 1

End If

If (cor = 2) Then

ret = ret + " Moderate Coronary illness detected "

corflag = corflag + 1

End If

Dim totflag As Integer

totflag = arriflag + coriaflag + agniflag + congflag + corflag

If (totflag > 1) Then

ret = ret + "multile Heart prone deseases attacked"

End If

Return ret

End Function

Function primary\_diagoizedreport(ByVal a As Integer) As Integer

Return a

End Function

Function weight\_entropy\_primary\_investigation(ByVal heart As Integer, ByVal bp As Integer, ByVal cholestral As Integer) As Integer

wt\_primary = heart + bp + cholestral

wt\_primary = primary\_diagoizedreport(wt\_primary)

Return wt\_primary

End Function

End Class