Module Module1

Sub Main()

Dim MiddayTemp(3) As Integer

Dim MidnightTemp(3) As Integer

Dim AvrgDay As Integer

Dim AvrgNight As Integer

Dim HighDay As Integer

Dim LowNight As Integer

Dim count As Integer

Dim MiddayTotal As Integer

Dim MidnightTotal As Integer

Dim pass As Integer

HighDay = -100000

LowNight = 1000000

MiddayTotal = 0

pass = 0

For count = 1 To 3

Console.WriteLine("Day:" & count)

Do

Console.Write("Midday temperature:")

MiddayTemp(count) = Console.ReadLine

If MiddayTemp(count) > 65 Or MiddayTemp(count) < -50 Then

Console.WriteLine("invalide data")

Else

pass = 1

End If

Loop Until pass = 1

pass = 0

Do

Console.Write("Midnight temperature:")

MidnightTemp(count) = Console.ReadLine

If MidnightTemp(count) > 65 Or MidnightTemp(count) < -50 Then

Console.WriteLine("invalide data")

Else

pass = 1

End If

Loop Until pass = 1

Console.WriteLine()

MiddayTotal = MiddayTotal + MiddayTemp(count)

MidnightTotal = MidnightTotal + MidnightTemp(count)

If HighDay < MiddayTemp(count) Then

HighDay = MiddayTemp(count)

End If

If LowNight > MidnightTemp(count) Then

LowNight = MidnightTemp(count)

End If

Next

AvrgDay = MiddayTotal / 3

Console.WriteLine("Average Midday Temperature:" & AvrgDay)

AvrgNight = MidnightTotal / 3

Console.WriteLine("Average Midnight Temperature:" & AvrgNight)

Console.WriteLine()

Console.WriteLine("Highest Midday Temperature:" & HighDay)

Console.WriteLine("Lowest Minight Temperature:" & LowNight)

Console.WriteLine()

End Sub

End Module