'BowlingScores

Public Class Form1

Dim high As Integer = 0

Dim low As Integer = 300

Dim counter As Integer = 0

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

Const FLAG As Integer = -1

Dim score As Integer

Dim tempScore As String

Do

tempScore = InputBox("Enter a bowling score (-1 to finish)", "Bowling Scores")

If tempScore = Nothing Then 'cancel selected or text box empty

score = FLAG

Else

score = Val(tempScore)

Select Case score

Case 0 To 300 'in the valid range of scores

counter += 1

If score > high And score <> FLAG Then 'new high score

high = score

End If

If score < low And score <> FLAG Then 'new low score

low = score

End If

Case FLAG 'do nothing, but not an invalid score

Case Else 'invalid score

MessageBox.Show("Invalid score.")

End Select

End If

Loop While score <> FLAG

End Sub

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

If counter = 0 Then 'no scores were entered

MessageBox.Show("Enter scores first.")

Else 'display the high and low scores

Me.lblAnswer.Text = "The high score is " & high & " and the low score is " & low

End If

End Sub

Private Sub Form1\_Load(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles MyBase.Load

End Sub

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

End Sub

End Class