```
Public Class Form1
    Private Sub Button1_Click(ByVal sender As System.Object, ByVal e As System.EventArgs)
                                                                                              K
    Handles Button1.Click
        Dim Name(20) As String
        Dim Mark(20) As Integer
        Dim Average As Single
        StoreNamesMarks(Name, Mark)
        CalculateAverage(Mark, Average)
        DisplayMarks(Name, Mark)
        LstOutput.Items.Add("Average = " & Average)
    End Sub
    Private Sub StoreNamesMarks(ByRef name() As String, ByRef mark() As Integer)
        Dim Counter As Integer
        For Counter = 1 \text{ To } 3
            name(Counter) = InputBox("Please Enter Student " & Counter & "'s name")
            mark(Counter) = GetValidNum(1, 100)
        Next
    End Sub
    Private Sub CalculateAverage(ByRef mark() As Integer, ByRef average As Single)
        Dim total As Integer
        Dim Counter As Integer
        For Counter = 1 \text{ To } 3
            total = total + mark(Counter)
        Next
        average = total / 3
    End Sub
    Private Sub DisplayMarks(ByVal name() As String, ByVal mark() As Integer)
        Dim Counter As Integer
        LstOutput.Items.Add("Name" & vbTab & "Mark")
        For Counter = 1 \text{ To } 3
            LstOutput.Items.Add(name(Counter) & vbTab & mark(Counter))
        Next
    End Sub
    Private Function GetValidNum(ByVal Min As Integer, ByVal Max As Integer) As Integer
        'this function returns a valid whole number between the MAX and MIN values
        'to use this function you must pass in MIN and MAX
        ' i.e. trial = GetValidNum(1, 100)
        Dim IntNum As Integer
        Dim SngNum As Single
        Dim NumOK As Boolean
        NumOK = False
        Do
            SngNum = InputBox("Please enter a whole number between " & Min & " and " & Max)
            If SngNum >= Min And SngNum <= Max And SngNum = Int(SngNum) Then</pre>
                NumOK = True
                IntNum = SngNum
            Else
                MsgBox("Number not valid")
            End If
        Loop Until NumOK
        Return IntNum
    End Function
End Class
```