Assignment-8

Q 1. Write a program to create a Stopwatch in visual basic.

Source code: -

```
Public Class Form1
    Public hour As Integer = 0
    Public min As Integer = 0
    Public sec As Integer = 0
    Public milli As Integer = 0
    Private Sub Timer1_Tick(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles Timer1.Tick
        Label1.Text = hour & ":" & min & ":" & sec & ":" & milli
        milli += 1
        If milli = 100 Then
            sec += 1
            milli = 0

            If sec = 60 Then
                min += 1
                sec = 0
            End If

            If min = 60 Then
                hour += 1
                min = 0
            End If
        End If
    End Sub

    Private Sub Button1_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles Button1.Click
        Timer1.Start()
    End Sub

    Private Sub Button2_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles Button2.Click
        Timer1.Stop()
    End Sub

    Private Sub Button5_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles Button5.Click
        Timer1.Stop()
        hour = 0
        min = 0
        sec = 0
        milli = 0
        Label1.Text = hour & ":" & min & ":" & sec & ":" & milli
    End Sub

    Private Sub Button4_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles Button4.Click
        Close()
    End Sub

    Private Sub Button3_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles Button3.Click
        ListBox1.Items.Add(Label1.Text)
    End Sub
End Class
```

Output: -