Assignment-3

Q 1. Write a program to create a calculator using visual basic.

Source code: -

```vb
Public Class Form1
    Public a, b As Integer
    Dim c As String
    Private Sub Button7_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles Button7.Click
        TextBox1.AppendText(7)
    End Sub

    Private Sub Button1_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles Button1.Click
        TextBox1.AppendText(1)
    End Sub

    Private Sub Button2_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles Button2.Click
        TextBox1.AppendText(2)
    End Sub

    Private Sub Button3_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles Button3.Click
        TextBox1.AppendText(3)
    End Sub

    Private Sub Button4_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles Button4.Click
        TextBox1.AppendText(4)
    End Sub

    Private Sub Button5_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles Button5.Click
        TextBox1.AppendText(5)
    End Sub

    Private Sub Button6_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles Button6.Click
        TextBox1.AppendText(6)
    End Sub

    Private Sub Button8_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles Button8.Click
        TextBox1.AppendText(8)
    End Sub

    Private Sub Button9_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles Button9.Click
        TextBox1.AppendText(9)
    End Sub

    Private Sub Button10_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles Button10.Click
```

```vbnet
        TextBox1.AppendText(0)
    End Sub

    Private Sub Button16_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles Button16.Click
        TextBox1.Clear()
    End Sub

    Private Sub Button11_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles Button11.Click
        a = Val(TextBox1.Text)
        TextBox1.Clear()
        c = "+"
    End Sub

    Private Sub Button12_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles Button12.Click
        a = Val(TextBox1.Text)
        TextBox1.Clear()
        c = "-"
    End Sub

    Private Sub Button13_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles Button13.Click
        a = Val(TextBox1.Text)
        TextBox1.Clear()
        c = "*"
    End Sub

    Private Sub Button14_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles Button14.Click
        a = Val(TextBox1.Text)
        TextBox1.Clear()
        c = "/"
    End Sub

    Private Sub Button15_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles Button15.Click
        b = Val(TextBox1.Text)

        Select Case c
            Case "+"
                TextBox1.Text = a + b
            Case "-"
                TextBox1.Text = a - b
            Case "*"
                TextBox1.Text = a * b
            Case "/"
                TextBox1.Text = a / b
        End Select

    End Sub
End Class
```

Output: -