

SPOSL Ass.3 : TE_29_Samruddhi Khairnar 26/09

DLL - Dynamic Link Library

Performed On:

Visual Studio 2012 Professional

Code:

```
Imports ClassLibrary1
```

```
Public Class Form1
```

```
    Private Sub Button1_Click(sender As Object, e As  
EventArgs) Handles Button1.Click  
        Dim temp As New ClassLibrary1.Class1  
        TextBox3.Text = temp.Add(Cdbl(TextBox1.Text),  
Cdbl(TextBox2.Text)).ToString()  
    End Sub
```

```
    Private Sub Button2_Click(sender As Object, e As  
EventArgs) Handles Button2.Click  
        Dim temp As New ClassLibrary1.Class1  
        TextBox4.Text = temp.Subb(Cdbl(TextBox1.Text),  
Cdbl(TextBox2.Text)).ToString()  
    End Sub
```

```
    Private Sub Button3_Click(sender As Object, e As  
EventArgs) Handles Button3.Click  
        Dim temp As New ClassLibrary1.Class1  
        TextBox5.Text = temp.Mul(Cdbl(TextBox1.Text),  
Cdbl(TextBox2.Text)).ToString()  
    End Sub
```

```
    Private Sub Button4_Click(sender As Object, e As  
EventArgs) Handles Button4.Click  
        Dim temp As New ClassLibrary1.Class1  
        TextBox6.Text = temp.Div(Cdbl(TextBox1.Text),  
Cdbl(TextBox2.Text)).ToString()  
    End Sub
```

```

    Private Sub Button5_Click(sender As Object, e As
EventArgs) Handles Button5.Click
        Dim temp As New ClassLibrary1.Class1
        TextBox7.Text = temp.Modu(CDbl(TextBox1.Text),
CDbl(TextBox2.Text)).ToString()
    End Sub
End Class

```

DLL:

```

Public Class Class1
    Public Function Add(ByVal V1 As Double, ByVal V2 As
Double)
        Dim R As Double
        R = V1 + V2
        Return R
    End Function
    Public Function Subb(ByVal V1 As Double, ByVal V2
As Double)
        Dim R As Double
        R = V1 - V2
        Return R
    End Function
    Public Function Div(ByVal V1 As Double, ByVal V2 As
Double)
        Dim R As Double
        R = V1 / V2
        Return R
    End Function
    Public Function Mul(ByVal V1 As Double, ByVal V2 As
Double)
        Dim R As Double
        R = V1 * V2
        Return R
    End Function
    Public Function Modu(ByVal V1 As Double, ByVal V2
As Double)
        Dim R As Double
        R = V1 Mod V2
    End Function
End Class

```

Return R
End Function
End Class

Output:

Form1

Num 1	<input type="text" value="3"/>				
Num 2	<input type="text" value="5"/>				
	<input type="button" value="Add"/>		<input type="button" value="Sub"/>	<input type="button" value="Mod"/>	
Addition	<input type="text" value="8"/>	Subtraction	<input type="text" value="-2"/>	Modulus	<input type="text" value="3"/>
	<input type="button" value="Mul"/>		<input type="button" value="Div"/>		
Multiplication	<input type="text" value="15"/>	Division	<input type="text" value="0.6"/>		

