

## **ASSIGNMENT 2**

**Q. Write a program to perform addition, subtraction, multiplication, division in vb.**

➤ Code:

```
Public Class Form1
```

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

```
        Dim a, b, c As Integer
```

```
        a = TextBox1.Text
```

```
        b = TextBox2.Text
```

```
        c = a + b
```

```
        TextBox3.Text = c
```

```
    End Sub
```

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

```
        Dim a, b, c As Integer
```

```
        a = TextBox1.Text
```

```
        b = TextBox2.Text
```

```
        c = a - b
```

```
        TextBox4.Text = c
```

```
    End Sub
```

```
    Private Sub Button3_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button3.Click
```

```
        Dim a, b, c As Integer
```

```
        a = TextBox1.Text
```

```
        b = TextBox2.Text
```

```
        c = a * b
```

```
        TextBox5.Text = c
```

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End Sub

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

```
    Dim a, b, c As Integer
```

```
    a = TextBox1.Text
```

```
    b = TextBox2.Text
```

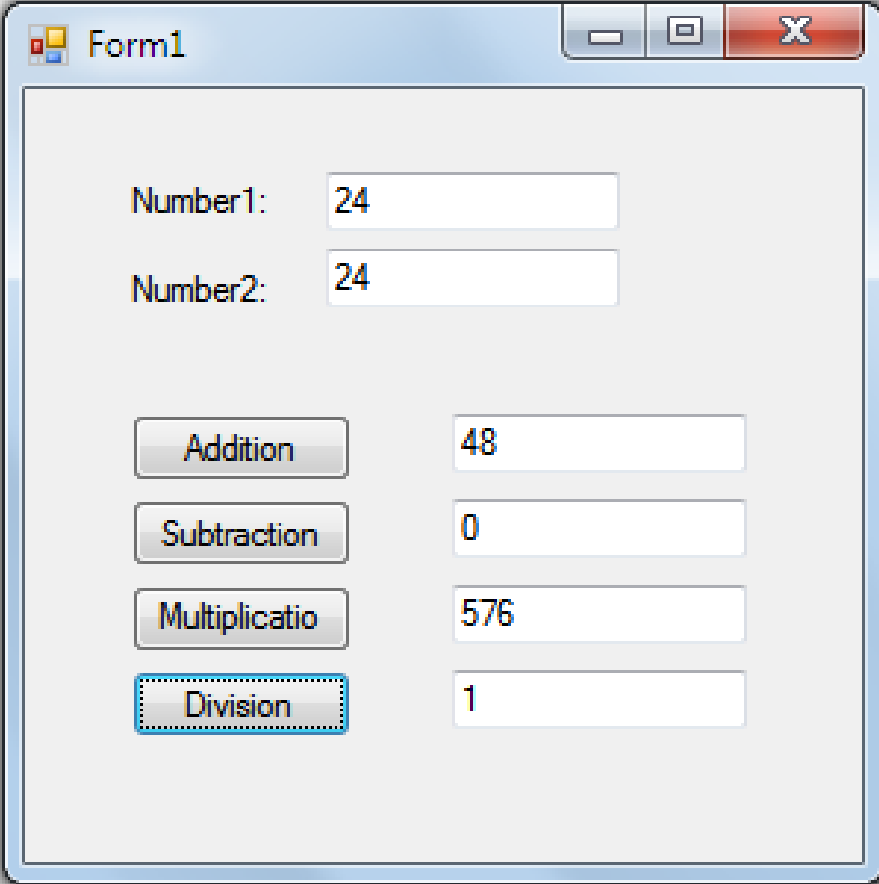
```
    c = a / b
```

```
    TextBox6.Text = c
```

End Sub

End Class

➤ Output:



The screenshot shows a Windows Form titled "Form1" with a light gray background. It contains two input fields at the top labeled "Number1:" and "Number2:", both containing the value "24". Below these are four buttons: "Addition", "Subtraction", "Multiplicatio", and "Division". The "Division" button is highlighted with a blue dashed border. To the right of each button is an output text box. The output for "Addition" is "48", for "Subtraction" is "0", for "Multiplicatio" is "576", and for "Division" is "1".

Operation	Result
Addition	48
Subtraction	0
Multiplicatio	576
Division	1