

```
1 using System;
2 using System.Collections.Generic;
3 using System.ComponentModel;
4 using System.Data;
5 using System.Drawing;
6 using System.Linq;
7 using System.Text;
8 using System.Threading.Tasks;
9 using System.Windows.Forms;
10
11 namespace @new
12 {
13     public partial class Form1 : Form
14     {
15         public Form1()
16         {
17             InitializeComponent();
18             textBox1.TextChanged += textbox_TextChanged;
19             textBox2.TextChanged += textbox_TextChanged;
20             textBox1.KeyPress += textbox_keypress;
21             textBox2.KeyPress += textbox_keypress;
22
23             Add.Click+=calculation;
24             Sub.Click += calculation;
25             Multi.Click += calculation;
26             Div.Click += calculation;
27
28             Add.Enabled = Sub.Enabled = Multi.Enabled = Div.Enabled = false;
29             textBox3.ReadOnly=true;
30         }
31
32         private void textbox_TextChanged(object sender,EventArgs e)
33         {
34             Add.Enabled = Sub.Enabled = Multi.Enabled = Div.Enabled =
35                 (textBox1.Text != "") && (textBox2.Text != "");
36         }
37
38         private void textbox_keypress(object sender ,KeyPressEventArgs e)
39         {
40             if(!char.IsDigit(e.KeyChar)&&e.KeyChar!=(char)Keys.Back)
41             {
42
43                 TextBox textBox = sender as TextBox;
44                 if (e.KeyChar == '-' && (textBox.Text.Length > 0))
45                 {
46                     e.Handled = true;
47                 }
48             }
49         }
50
51         private void calculation(object sender,EventArgs e)
52         {
53             try
```

```
54         {
55             double x = Convert.ToDouble(textBox1.Text);
56             double y = Convert.ToDouble(textBox2.Text);
57             double rsulat = 0;
58             Button chackbutton = sender as Button;
59
60             if (chackbutton == Add)
61                 rsulat = x + y;
62
63
64             else if (chackbutton == Sub)
65                 rsulat = x - y;
66
67             else if (chackbutton == Muli)
68                 rsulat = x * y;
69
70             if (chackbutton == Div)
71             {
72                 if (y == 0)
73                 {
74                     MessageBox.Show("لايمكن القسمة علي صفر");
75
76                 }
77                 rsulat = x / y;
78
79             }
80
81             textBox3.Text = rsulat.ToString();
82         }
83     catch (FormatException)
84     {
85         MessageBox.Show("يرجى ادخل قيم صحيحة");
86     }
87
88     }
89 }
90
91 }
92
```