

```
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 opritioncalc
12 {
13     public partial class Form1 : Form
14     {
15         public Form1()
16         {
17             InitializeComponent();
18         }
19         private double preformoperation(double num1, double num2, string operation)
20         {
21
22             switch (operation)
23             {
24                 case "+": return num1 + num2;
25                 case "-": return num1 - num2;
26                 case "*": return num1 * num2;
27
28                 case "/":
29                     if (num2 == 0)
30                         //اصطيا د الاخطاء
31                         throw new Exception("لا يمكن القسيمه على صفر");
32                     else
33                         return num1 / num2;
34                 default:
35                     throw new Exception("العملية غير صحيحة");
36             }
37         }
38     }
39
40     private void button1_Click(object sender, EventArgs e)
41     {
42         double number1, number2, number3;
43         string operation1 = txtoperation1.Text;
44         string operation2 = txtoperation2.Text;
45         double intermediateResulat = 0;
46         double finalResulat = 0;
47         try
48         {
49             if (double.TryParse(txtNumber1.Text, out number1) &&
50                 double.TryParse(txtNumber2.Text, out number2) &&
51                 double.TryParse(txtNumber3.Text, out number3))
52             {
```

```
53         if (operation1 == "*" || operation1 == "/")
54         {
55             intermediateResulat = preformoperation(number1,
56             number2, operation1);
57             finalResulat = preformoperation(intermediateResulat,
58             number3, operation2);
59         }
60         else if (operation2 == "*" || operation2 == "/")
61         {
62             intermediateResulat = preformoperation(number2,
63             number3, operation2);
64             finalResulat = preformoperation(intermediateResulat,
65             number1, operation1);
66         }
67         else
68         {
69             intermediateResulat = preformoperation(number1,
70             number1, operation1);
71             finalResulat = preformoperation(intermediateResulat,
72             number3, operation2);
73         }
74         txtResulat.Text = finalResulat.ToString();
75     }
76     else
77     {
78         MessageBox.Show("الرجاء ادخال قيم صحيحه");
79         return;
80     }
81 }
82 catch (Exception ex)
83 {
84     MessageBox.Show(ex.Message);
85 }
86 }
87 }
88 }
89 }
90 }
```