

```
1  //Akash Singh
2  //1805086_3rd_Year
3  //Simple Calculator
4
5
6
7  using System;
8  using System.Collections.Generic;
9  using System.ComponentModel;
10 using System.Data;
11 using System.Drawing;
12 using System.Linq;
13 using System.Text;
14 using System.Threading.Tasks;
15 using System.Windows.Forms;
16
17 namespace SimpleCalculator
18 {
19     public partial class Form1 : Form
20     {
21         Double value = 0;
22         String operation = "";
23         bool operation_pressed = false;
24         public Form1()
25         {
26             InitializeComponent();
27         }
28
29         private void button5_Click(object sender, EventArgs e)    //on Click ➤
30             CE button
31         {
32             result.Text="0";
33         }
34
35         private void button18_Click(object sender, EventArgs e)
36         {
37
38         }
39
40         private void button4_Click(object sender, EventArgs e)
41         {
42
43         }
44
45         private void Button_Click(object sender, EventArgs e)    //Value Click ➤
46             code
47         {
48             if ((result.Text == "0")||(operation_pressed))
49             {
50                 result.Clear();
51             }
52             Button b = (Button)sender;
53             result.Text = result.Text + b.Text;
54         }
```

```
55
56     private void Operator_Click(object sender, EventArgs e)           //  ↗
57         Operator value code
58     {
59         Button b = (Button)sender;
60         operation = b.Text;
61         value = Double.Parse(result.Text);
62         operation_pressed =true;
63         Eua.Text = value + " " + operation ;
64
65     }
66
67     private void button05_Click(object sender, EventArgs e)           //  ↗
68         operation performed code
69     {
70         Eua.Text = "";
71         switch (operation)
72         {
73             case "+":
74                 result.Text = (value + Double.Parse(result.Text)).ToString ↗
75                 ();
76                 break;
77             case "-":
78                 result.Text = (value - Double.Parse(result.Text)).ToString ↗
79                 ();
80                 break;
81             case "*":
82                 result.Text = (value * Double.Parse(result.Text)).ToString ↗
83                 ();
84                 break;
85             case "/":
86                 result.Text = (value / Double.Parse(result.Text)).ToString ↗
87                 ();
88                 break;
89             default:
90                 break;
91         }
92         //switck end
93     }
94
95     private void button25_Click(object sender, EventArgs e)
96     {
97         result.Clear();
98         value = 0;
99     }
100 }
101
```