```csharp
 1  using System;
 2  using System.Windows.Forms;
 3
 4  namespace Ex_3
 5  {
 6      public partial class Form1 : Form
 7      {
 8          public Form1()
 9          {
10              InitializeComponent();
11          }
12          double operand1,operand2;
13          string operation=string.Empty;
14          double memory,result = 0.0;
15          private void NumEvent(object sender, EventArgs e)
16          {
17              Button btn = (Button)sender;
18              txt_result.Text += btn.Text;
19          }
20          private void OperatorsEvent(object sender, EventArgs e)
21          {
22              Button btn = (Button)sender;
23              operation = btn.Text;
24
25              operand1 = double.Parse(txt_result.Text);
26              txt_result.Text = "";
27          }
28          private void btn_clear_Click(object sender, EventArgs e)
29          {
30              txt_result.Clear();
31          }
32          private void btn_memory_Click(object sender, EventArgs e)
33          {
34              memory =double.Parse( txt_result.Text);
35              txt_result.Clear();
36          }
37          private void btn_recall_Click(object sender, EventArgs e)
38          {
39              txt_result.Text = memory.ToString();
40          }
41          private void btn_result_Click(object sender, EventArgs e)
42          {
43              operand2 = double.Parse(txt_result.Text);
44
45              switch (operation)
46              {
47                  case "+":
48                      result = (operand1) + (operand2);
49                      break;
50                  case "-":
51                      result = (operand1) - (operand2);
52                      break;
```

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53                    case "*":
54                        result = (operand1) * (operand2);
55                        break;
56                    case "/":
57                        result = (operand1) / (operand2);
58                        break;
59                    case "%":
60                        result = (operand1) % (operand2);
61                        break;
62                    default:
63                        break;
64                }
65            txt_result.Text = result.ToString();
66        }
67    }
68 }
69
```