



```

using System;

using System.Collections.Generic;

using System.ComponentModel;

using System.Data;

using System.Drawing;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

using System.Windows.Forms;

namespace Assign_Calculator2
{
    public partial class Form1 : Form
    {
        public Form1()
        {
            InitializeComponent();
        }

        int i = 0;
    }
}

```

```
private void button5_Click(object sender, EventArgs e)
{
    if (i == 0)
    {
        textBox1.Text = "1";
        i = 1;
    }
    else
    {
        textBox1.Text += "1";
    }
}
```

```
private void button6_Click(object sender, EventArgs e)
{
    if (i == 0)
    {
        textBox1.Text = "2";
        i = 1;
    }
    else
    {
        textBox1.Text += "2";
    }
}
```

```
private void button7_Click(object sender, EventArgs e)
{
```

```

        if (i == 0)
        {
            textBox1.Text = "3";
            i = 1;
        }
        else
        {
            textBox1.Text += "3";
        }
    }

private void button9_Click(object sender, EventArgs e)
{
    if (i == 0)
    {
        textBox1.Text = "4";
        i = 1;
    }
    else
    {
        textBox1.Text += "4";
    }
}

private void button10_Click(object sender, EventArgs e)
{
    if (i == 0)
    {
        textBox1.Text = "5";
    }
}

```

```

        i = 1;
    }
    else
    {
        textBox1.Text += "5";
    }
}

private void button11_Click(object sender, EventArgs e)
{
    if (i == 0)
    {
        textBox1.Text = "6";
        i = 1;
    }
    else
    {
        textBox1.Text += "6";
    }
}

private void button13_Click(object sender, EventArgs e)
{
    if (i == 0)
    {
        textBox1.Text = "7";
        i = 1;
    }
    else

```

```
    {  
        textBox1.Text += "7";  
    }  
}
```

```
private void button14_Click(object sender, EventArgs e)  
{  
    if (i == 0)  
    {  
        textBox1.Text = "8";  
        i = 1;  
    }  
    else  
    {  
        textBox1.Text += "8";  
    }  
}
```

```
private void button15_Click(object sender, EventArgs e)  
{  
    if (i == 0)  
    {  
        textBox1.Text = "9";  
        i = 1;  
    }  
    else  
    {  
        textBox1.Text += "9";  
    }  
}
```

```
}
```

```
private void button1_Click(object sender, EventArgs e)
```

```
{
```

```
    if (i == 0)
```

```
    {
```

```
        textBox1.Text = "0";
```

```
        i = 1;
```

```
    }
```

```
    else
```

```
    {
```

```
        textBox1.Text += "0";
```

```
    }
```

```
}
```

```
private void button2_Click(object sender, EventArgs e)
```

```
{
```

```
    if (i == 0)
```

```
    {
```

```
        textBox1.Text = ".";
```

```
        i = 1;
```

```
    }
```

```
    else if(!textBox1.Text.Contains("."))
```

```
    {
```

```
        textBox1.Text+=".";
```

```
    }
```

```
}
```

```

double val1 = 0.0, val2 = 0.0;

string op = "";

private void button8_Click(object sender, EventArgs e)
{
    if (!string.IsNullOrEmpty(textBox1.Text))
    {
        val1 = Convert.ToDouble(textBox1.Text);
        op = "-";
        i = 0;
    }
}

private void button12_Click(object sender, EventArgs e)
{
    if (!string.IsNullOrEmpty(textBox1.Text))
    {
        val1 = Convert.ToDouble(textBox1.Text);
        op = "*";
        i = 0;
    }
}

private void button16_Click(object sender, EventArgs e)
{
    if (!string.IsNullOrEmpty(textBox1.Text))
    {
        val1 = Convert.ToDouble(textBox1.Text);
        op = "/";
    }
}

```

```

        i = 0;
    }
}

double res = 0.0;

private void button3_Click(object sender, EventArgs e)
{
    if(!string.IsNullOrEmpty(textBox1.Text)&& textBox1.Text!
    =""))
    {
        val2= Convert.ToDouble(textBox1.Text);
        if(op == "+")
        {
            res = val1 + val2;
        }
        else if(op == "-")
        {
            res = val1-val2;
        }
        else if (op == "*")
        {
            res = val1 * val2;
        }
        else if (op == "/")
        {
            res = val1 / val2;
        }
        textBox1.Text = res.ToString();
    }
}

```



```

    }
}

private void button17_Click(object sender, EventArgs e)
{
    if(!string.IsNullOrEmpty(textBox1.Text))
    {
        textBox1.Text = textBox1.Text.Remove(textBox1.Text.Length -
1);
    }
}

private void button18_Click(object sender, EventArgs e)
{
    textBox1.Text = null;
    val1 = 0.0;
    val2 = 0.0;
    i = 0;
}

private void button4_Click(object sender, EventArgs e)
{
    if(!string.IsNullOrEmpty(textBox1.Text))
    {
        val1= Convert.ToDouble(textBox1.Text);
        op = "+";
        i = 0;
    }
}

```

}
}
}