



```
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 Array_Calculator_Program
{
    public partial class Form1 : Form
    {
```

```

public Form1()
{
    InitializeComponent();
}

private void Form1_Load(object sender, EventArgs e)
{

}

private void button1_Click(object sender, EventArgs e)
{
    if (textBox1.Text == "+" || textBox1.Text == "-")
    {
        textBox1.Text = "1";
    }

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

}

private void button2_Click(object sender, EventArgs e)

```

```

{

    if (textBox1.Text == "+" || textBox1.Text == "-")
    {
        textBox1.Text = "2";
    }

    else
    {

        textBox1.Text = textBox1.Text + "2";
    }

}

int prevnumber = 0;
string op = null;

private void button3_Click(object sender, EventArgs e)
{
    if (textBox1.Text == "+" || textBox1.Text == "-")
    {
        textBox1.Text = "3";
    }

    else
    {

        textBox1.Text = textBox1.Text + "3";
    }
}

```

```
}
```

```
private void button4_Click(object sender, EventArgs e)
```

```
{
```

```
    prevnumber = Convert.ToInt32(textBox1.Text);
```

```
    op = "+";
```

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

```
}
```

```
private void button5_Click(object sender, EventArgs e)
```

```
{
```

```
    prevnumber = Convert.ToInt32(textBox1.Text);
```

```
    op = "-";
```

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

```
}
```

```
private void button6_Click(object sender, EventArgs e)
```

```
{
```

```
    int result = 0;
```

```
    // MessageBox.Show(textBox1.Text);
```

```
    switch (op)
```

```
    {
```

```
        case "+":
```

```
        result = Convert.ToInt32(textBox1.Text) + prevnumber;
        break;
    case "-":
        result = prevnumber - Convert.ToInt32(textBox1.Text);
        break;
    }

    textBox1.Text = result.ToString();
}
}
}
```