

Practical 8

Aim : Write a C# Program for the implementation of the Calculator.

#PROGRAM

```
namespace WindowsFormsApplication3
{
    public partial class Form1 : Form
    {
        public int val1, val2;
        public char op;
        public Form1()
        {
            InitializeComponent();
        }
        private void button1_Click(object sender, EventArgs e)
        {
            Button b = new Button();
            b = (Button)sender;
            textBox1.Text += b.Text;
        }
        private void button11_Click(object sender, EventArgs e)
        {
            val2= Convert.ToInt32(textBox1.Text);
            textBox1.Text = null;
            if(op=='+')
            {
                textBox1.Text = Convert.ToString(val2 + val1);
            }
            else if(op=='-')
            {
                textBox1.Text = Convert.ToString(val1 - val2);
            }
            else if(op=='*')
            {
                textBox1.Text = Convert.ToString(val1 * val2);
            }
            else
            {
                textBox1.Text = Convert.ToString(val1 / val2);
            }
        }
        private void button12_Click(object sender, EventArgs e)
        {
            val1= Convert.ToInt32(textBox1.Text);
            textBox1.Text = null;
            Button b = new Button();
```

```
        b = (Button)sender;  
        op = Convert.ToChar(b.Text);  
    }  
}  
}
```

#OUTPUT

