```csharp
1  using System;
2  using System.Collections.Generic;
3  using System.ComponentModel;
4  using System.Data;
5  using System.Drawing;
6  using System.Linq;
7  using System.Text;
8  using System.Threading.Tasks;
9  using System.Windows.Forms;
10
11 namespace sqrt
12 {
13     public partial class Form1 : Form
14     {
15         public Form1()
16         {
17             InitializeComponent();
18         }
19
20         private void formcalclution(object sender,EventArgs e)
21         {
22             int n =0;
23             if (int.TryParse(textBox1.Text, out n))
24             {
25                 if (sender == button1)
26                 {
27                     int rsulat = 0;
28                     for (int i = 1; i <= n; i++)
29                     {
30                         rsulat += i;
31                     }
32                     label1.Text = rsulat.ToString();
33                 }
34             else   if (sender == button2)
35                 {
36                     int rsulat = 1;
37                     for (int i = 1; i <= n; i++)
38                     {
39                         rsulat *= i;
40                     }
41                     label2.Text = rsulat.ToString();
42                 }
43             else   if (sender == button3)
44                 {
45                     double rsulat = Math.Sqrt(n);
46                     label3.Text = rsulat.ToString();
47                 }
48             }
49             else
50             {
51                 MessageBox.Show("ادخل قيمه صحيحه");
52                 textBox1.Clear();
53             }
```

```
54            }
55            private void Form1_Load(object sender, EventArgs e)
56            {
57
58            }
59        }
60    }
61
```