```
using System;
using System.Windows.Forms;
namespace T04_P01_GUI_Trapezoid_Area
{
    public partial class Form1 : Form
        public Form1()
            InitializeComponent();
        // When user clicks "Quit" button, the user can exit the program.
        private void quitButton Click(object sender, EventArgs e)
            Application.Exit();
        }
        // When user click "Calculate" button, check the user-entered value is proper.
        private void calculateButton_Click(object sender, EventArgs e)
            double Side1;
            double Side2;
            double height;
            // when user enters non-numeric value for Parallel side 1 length.
            if (!double.TryParse(side1Textbox.Text, out Side1))
            {
                MessageBox.Show("Parallel Side 1 length is NOT a number. Try again!");
                return;
                          // user still can go back to enter to right value.
            }
            // when user enters negative or 0 value for Parallel side 1 length.
            if (Side1 <= 0)</pre>
                MessageBox.Show("Parallel Side 1 length must be positive. Try again!");
                return;
                           // user still can go back to enter to right value.
            }
            // when user enters non-numeric value for Parallel side 2 length.
            if (!double.TryParse(side2Textbox.Text, out Side2))
            {
                MessageBox.Show("Parallel Side 2 length is NOT a number. Try again!");
                           // user still can go back to enter to right value.
            }
            // when user enters negative or 0 value for Parallel side 2 length.
            if (Side2 <= 0)
                MessageBox.Show("Parallel Side 2 length must be positive. Try again!");
                return; // user still can go back to enter to right value.
            }
            // when user enters non-numeric value for height.
            if (!double.TryParse(heightTextbox.Text, out height))
                MessageBox.Show("Height is NOT a number. Try again!");
                        // user still can go back to enter to right value.
                return;
```