FESE-19052

LABTASK WEEK-9

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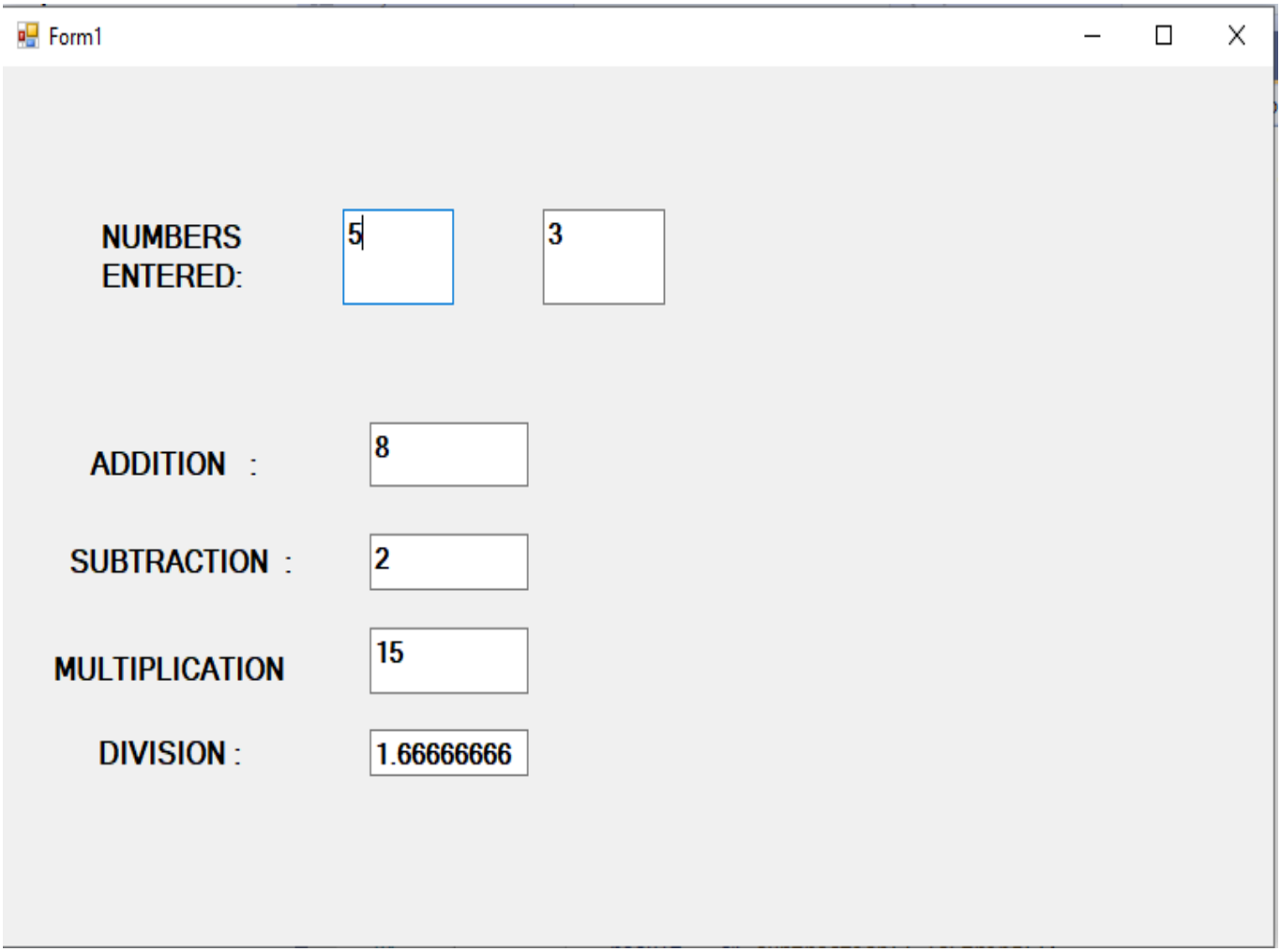
Create a Calculator class that offers four methods. Add, subtract, multiply and Divide. Consisting of two private members of type double to take input from the user. Create object of a class and start using the calculator class.

```
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 Lab_9_Calculator
{
    3 references
    public partial class Form1 : Form
    {
        1 reference
        public Form1()
        {
            InitializeComponent();
        }

        4 references
        public class Calculator
        {
            protected
                double num_1;
                double num_2;
            1 reference
            public Calculator()
            {

            }
```

```
0 references
public Calculator(double x,double y)
{
    num_1 = x;
    num_2 = y;
}
1 reference
public void setx(double x)
{
    num_1 = x;
}
1 reference
public void sety(double y)
{
    num_2 = y;
}
1 reference
public double getx()
{
    return num_1;
}
1 reference
public double gety()
{
    return num_2;
}
1 reference
public double addition()
{
    return num_1 + num_2;
}
    public double multiplication()
    {
        return num_1 * num_2;
    }

    1 reference
    public double subtraction()
    {
      return   num_1 - num_2;
    }
    1 reference
    public double division()
    {
        return num_1 / num_2;
    }

}
```

```
        1 reference
        private void Form1_Load(object sender, EventArgs e)
        {
            string result,inp_1,inp_2;
            Calculator c1 = new Calculator();
            c1.setx(5);
            c1.sety(3);
            inp_1 = c1.getx().ToString();
            textBox1.Text = inp_1;
            inp_2 = c1.gety().ToString();
            textBox2.Text = inp_2;




            result = c1.addition().ToString();
            textBox3.Text = result + Environment.NewLine;
            result = c1.subtraction().ToString();
            textBox4.Text = result + Environment.NewLine;
            result = c1.multiplication().ToString();
            textBox5.Text = result + Environment.NewLine;
            result = c1.division().ToString();
            textBox6.Text = result + Environment.NewLine;


        }

    }
}
```

OUTPUT:


Form1
NUMBERS ENTERED:
5
3
ADDITION :
8
SUBTRACTION :
2
MULTIPLICATION
15
DIVISION :
1.66666666