Example (1): Create a windowsform C# project that read a student info (name(string)
Address(string) ,age (double) sex(char), marks (m1,m2,m2,m3) (double)
Then display the result as (fail/pass), and the average if the students four marks
greater than 50 .

Solution :

```csharp
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 studentwithoutmethod
{
    public partial class Form1 : Form    {
        public Form1()
        {
            InitializeComponent();
        }

        private void Form1_Load(object sender, EventArgs e)
        {

        }

        private void button1_Click(object sender, EventArgs e)
        {
          string name,address,result;
           char sex;
           double age,m1,m2,m3,m4,average;
           //read name
           name = textBox1.Text;
           //read age as a  string then convert to double
           age = Convert.ToDouble(textBox2.Text);
           //read address
           address = textBox3.Text;
           //read sex as striing then convert  charcter (f=female m=mail)
           sex = Convert.ToChar(textBox4.Text);
           //read mark for four subjects
           m1 = Convert.ToDouble(textBox5.Text);
           m2 = Convert.ToDouble(textBox6.Text);
           m3 = Convert.ToDouble(textBox7.Text);
           m4 = Convert.ToDouble(textBox8.Text);
           // check if the student pass or fail
           if ((m1 > 50) && (m2 > 50) && (m3 > 50) && (m4 > 50))
             {result = "pass";
               average=(m1+m2+m3+m4)/4;
                 textBox10.Text=Convert.ToString(average);}
             else result="fail";
           // display the result
          textBox9.Text =result;
```
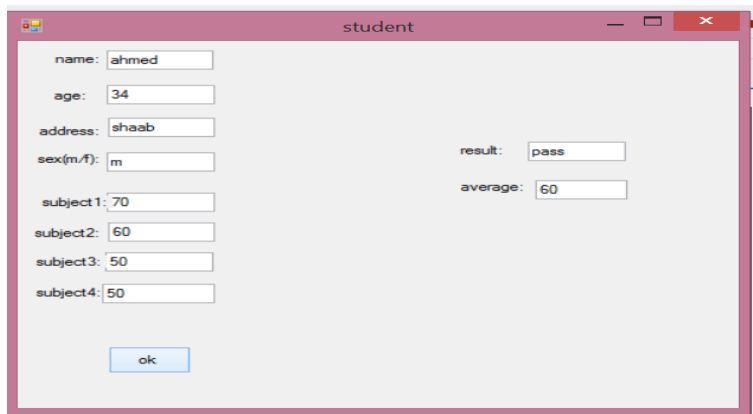
```
        }
        private void textBox9_TextChanged(object sender, EventArgs e)
        {

        }
    }
}
```
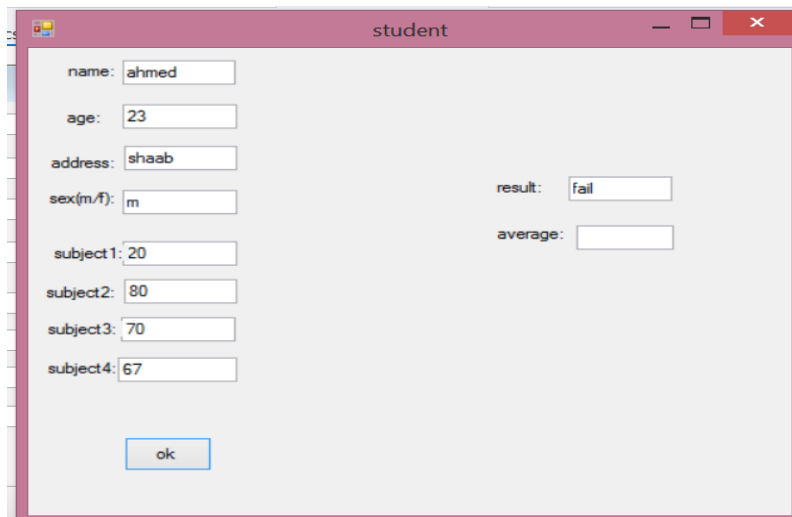
Output :

1) if the student pass :

2)if the student fail :

Exercise: re-write the program :

1)read the values from the program.

2) add method that calculate the average if the student pass the exam.