Darbs ar teksta datnēm

```csharp
//Jāpievieno reference uz bibliotēku (add reference)
using System.IO;

//jāpievieno formai dizaina skatā (using design view add) openFileDialog un
(and) saveFileDialog saskarnes elementi (interface elements)

//ieraksts teksta failā (writing to text file)
private void button1_Click(object sender, EventArgs e)
    {
        saveFileDialog1.Filter = "Teksta faili|.txt";
        if (saveFileDialog1.ShowDialog() == DialogResult.OK)
            name = saveFileDialog1.FileName;
        FileInfo inf = new FileInfo(name);
        StreamWriter swr = inf.CreateText();
        swr.WriteLine(textBox1.Text);
        swr.WriteLine(textBox2.Text);
        swr.Close();
    }


//nolasīšana no teksta failā (reading from text file)
private void button2_Click(object sender, EventArgs e)
    {
        openFileDialog1.Filter = "Teksta faili|*.txt";
        if (openFileDialog1.ShowDialog() == DialogResult.OK)
            name = openFileDialog1.FileName;
        StreamReader str = File.OpenText(name);
        string read = null;
        while ((read = str.ReadLine()) != null)
        {
            textBox3.Text = textBox3.Text+read+Environment.NewLine;
        }
        str.Close();
    }



//simbolu virknes sadalījums (splitting the symbol series)
    private void button4_Click(object sender, EventArgs e)
    {
        string timeSeries = "1 2 3 4 5 6 7 8 9 12";
        string [] split = timeSeries.Split(new Char[] {' '});
        foreach (string s in split)
        {
            int i = 0;
            if (s.Trim() != "") textBox1.Text = textBox1.Text +
                                            s+Environment.NewLine;
            mas[i] = int.Parse(s);
            i++;
        }
    }
```

UZDEVUMS (TASK)

Uzrakstīt programmu, kura ļauj ierakstīt un nolasīt no teksta failā skaitļu virkni. Tad programma aprēķina šīs virknes locekļu summu un vidējo aritmētisko. Rezultātu saglabā citā teksta failā.

Write a program that allows you to write and read a series of numbers from a text file. The program then calculates the sum and arithmetic mean of the members of this series. The result is saved in another text file.