תכנות מונחה עצמים ב# C

שאלת קבצים

מגישים:

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```csharp
using System;
using System.Collections.Generic;
using System.Linq;
using System.Threading.Tasks;
using System.Windows.Forms;

namespace FILES_GRADE
{
    internal static class Program
    {
        /// <summary>
        /// The main entry point for the application.
        /// </summary>
        [STAThread]
        static void Main()
        {
            Application.EnableVisualStyles();
            Application.SetCompatibleTextRenderingDefault(false);
            Application.Run(new Form1());
        }
    }
}
```

```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;
using System.IO;

namespace FILES_GRADE
{
    public partial class Form1 : Form
    {
        static string ReadTextFromFile(string pathOfFile)
        {
            string text = "";
            try
            {
                using (StreamReader dataFile = new StreamReader(pathOfFile))
                {
                    text = dataFile.ReadToEnd();
                }
            }
            catch (FileNotFoundException)
            {
                Console.WriteLine("The file not found: " + pathOfFile);
            }
            catch (Exception exception)
            {
```

```csharp
            Console.WriteLine("Error reading file: " +
exception.Message);
            }

            return (text);
        }

        static void SplitToNameAndGrade(string pathOfFile, out string
studentName, out int grade)
        {
            studentName = "";
            string digits = "";

            string text = ReadTextFromFile(pathOfFile);
            for (int i = 0; i < text.Length; i++)
            {
                char c = text[i];
                if (Char.IsDigit(c))
                {
                    digits += c;
                }
                else
                {
                    studentName += c;
                }
            }
            grade = int.Parse(digits);
        }
        private string filePath;
        public Form1()
        {
            InitializeComponent();
            openFileDialog1.Multiselect = false;
        }



        private void openFileDialog1_FileOk(object sender, CancelEventArgs
e)
        {
            filePath = openFileDialog1.FileName;
            filePathLabel.Text = filePath;
            string nameOfStudent;
            int grade;
            SplitToNameAndGrade(filePath, out nameOfStudent, out grade);
            lblName.Text = "Name: " + nameOfStudent;
            lblGrade.Text = "Grade: " + grade.ToString();
        }

        private void chooseFileButton_Click(object sender, EventArgs e)
        {
            openFileDialog1.ShowDialog();
        }


    }
}
```