Week4 การบันทึกข้อมูลลงใน textfile

```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 week2_gg

{

    public partial class Form1 : Form

    {

        public Form1()

        {

            InitializeComponent();

        }


        private void button1_Click(object sender, EventArgs e)

        {

            byte midterm, final, total;


            midterm = Convert.ToByte(textBox1.Text);

            final = Convert.ToByte(textBox2.Text);

            total = (byte)(midterm + final);

            textBox3.Text = total.ToString();
```

```csharp
if (total >= 80)
{
    textBox4.Text = "A";
}
else if (total >= 70)
{
    textBox4.Text = "B";
}
else if (total >= 60)
{
    textBox4.Text = "C";
}
else if (total >= 50)
{
    textBox4.Text = "D";
}
else
{
    textBox4.Text = "E";
}
}

private void button2_Click(object sender, EventArgs e)
{
    string s;
    s = textBox5.Text + ",";
    s = s + textBox6.Text + ",";
    s = s + textBox1.Text + ",";
```

```csharp
            s = s + textBox2.Text + ",";

            s = s + textBox3.Text + ",";

            s = s + textBox4.Text;



            StreamWriter sw;

            if (saveFileDialog1.ShowDialog() == DialogResult.OK)

            {

                sw = new StreamWriter(saveFileDialog1.FileName);

                sw.WriteLine(s);

                sw.Close();

            }



        }



        private void textBox6_TextChanged(object sender, EventArgs e)

        {



        }



        private void textBox5_TextChanged(object sender, EventArgs e)

        {



        }



        private void button3_Click(object sender, EventArgs e)

        {

            if(openFileDialog1.ShowDialog()==DialogResult.OK)
```

```csharp
{
    StreamReader sr;
    sr = new StreamReader(openFileDialog1.FileName); // เปิดหน้าต่าง open dialog เพื่อเลือก file
    string s;
    s = sr.ReadLine(); // อ่านข้อมูลบรรทัดที่1
    string[] data;    // ประกาศตัวแปร เก็บข้อความ แบบ array
    data = s.Split(','); // การแยกข้อมูลให้เป็น array
    textBox5.Text = data[0];
    textBox6.Text = data[1];
    textBox1.Text = data[2];
    textBox2.Text = data[3];
    textBox3.Text = data[4];
    textBox4.Text = data[5];

}

        }
    }
}
```

Form1.cs Form1.cs [Design]

week2_gg.Form1 | button3_Click(object sender, EventArgs e)

```
textBox6.Text = data[1];
textBox1.Text = data[2];
```

ชื่อ สกุล   ภานุวัฒน์
วิชา   เขียนโปรแกรมคอม
คะแนนกลางภาค   20
คะแนนปลายภาค   50
คะแนนรวม   70
เกรด   B

[คำนวณเกรด]   [บันทึกข้อมูล]   [อ่านข้อมูล]

Output

Show output from: Debug

```
The thread 'vshost.NotifyLoad' (0x25dc) has exited with code 0 (0x0).
The thread '<No Name>' (0x14d0) has exited with code 0 (0x0).
The thread '<No Name>' (0x243c) has exited with code 0 (0x0).
The thread 'vshost.LoadReference' (0x239c) has exited with code 0 (0x0).
'week2 gg.vshost.exe' (Managed (v4.0.30319)): Loaded 'D:\panuwat\week2 gg\week2 gg\bin\Debug
'week2 gg.vshost.exe' (Managed (v4.0.30319)): Loaded 'C:\Windows\Microsoft.Net\assembly\GAC_
'week2 gg.vshost.exe' (Managed (v4.0.30319)): Loaded 'C:\Windows\Microsoft.Net\assembly\GAC_
```

Call Stack

Name

---

week2_gg.Form1 | textBox5_TextChanged(object sender, EventArgs e)

```
        {

        }

        private void button3_Click(object sender, EventArgs e)
        {
            if(openFileDialog1.ShowDialog()==DialogResult.OK)
            {
                StreamReader sr;
                sr = new StreamReader(openFileDialog1.FileName); // เปิดหน้าต่าง open dialog เพื่อเลือก file
                string s;
                s = sr.ReadLine(); // อ่านข้อมูลบนบรรทัดที่1
                string[] data;      // ประกาศตัวแปร เก็บข้อความ แบบ array
                data = s.Split(','); // การแยกข้อมูลให้เป็น array
                textBox5.Text = data[0];
                textBox6.Text = data[1];
                textBox1.Text = data[2];
                textBox2.Text = data[3];
                textBox3.Text = data[4];
                textBox4.Text = data[5];

            }
```

Output

Show output from: Debug

```
The thread 'vshost.NotifyLoad' (0x25dc) has exited with code 0 (0x0).
The thread '<No Name>' (0x14d0) has exited with code 0 (0x0).
The thread '<No Name>' (0x243c) has exited with code 0 (0x0).
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'week2 gg.vshost.exe' (Managed (v4.0.30319)): Loaded 'C:\Windows\Microsoft.Net\assembly\GAC_
'week2 gg.vshost.exe' (Managed (v4.0.30319)): Loaded 'C:\Windows\Microsoft.Net\assembly\GAC_
```

Call Stack

Name