Weel7 การสื่อสารด้วยโฟโตคอล

```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.Threading;

namespace week7_potocol
{
    public partial class Form1 : Form
    {
        public Form1()
        {
            InitializeComponent();
        }

        private void button1_Click(object sender, EventArgs e)
        {
            serialPort1.Open();
            byte[] data = { 1, 0, 1 };
            serialPort1.Write(data, 0, 3);
            Thread.Sleep(100);
            int n = serialPort1.BytesToRead;
            if (n >= 3)
            {
                byte[] rx_data = new byte[n];
                serialPort1.Read(rx_data, 0, n);
                textBox1.Text = rx_data[0].ToString() + rx_data[1].ToString() + rx_data[2].ToString();

            }
            serialPort1.Close();
}

        private void trackBar1_ValueChanged(object sender, EventArgs e)
        {
            serialPort1.Open();
            byte[] data = { 2, (byte)trackBar1.Value, (byte)(2+trackBar1.Value) };
            serialPort1.Write(data, 0, 3);
            Thread.Sleep(100);
            int n = serialPort1.BytesToRead;
            if (n >= 3)
            {
                byte[] rx_data = new byte[n];
                serialPort1.Read(rx_data, 0, n);
                textBox1.Text = rx_data[0].ToString() + rx_data[1].ToString() + rx_data[2].ToString();
```

```
            }
            serialPort1.Close();
        }
    }
}
void setup()
{
  Serial.begin(9600);

  pinMode(13,OUTPUT);

  pinMode(2,INPUT);

  }
void loop()
{
  if(Serial.available()>2)

  {
    byte fn = Serial.read();

    byte data = Serial.read();

    byte sum = Serial.read();

    if (fn == 1)

    {
      data = digitalRead(2);

      Serial.write(1);

      Serial.write(data);

      Serial.write(1+data);

  }

    if(fn == 2)

    {
      if(data == 1) digitalWrite(13,1);
```

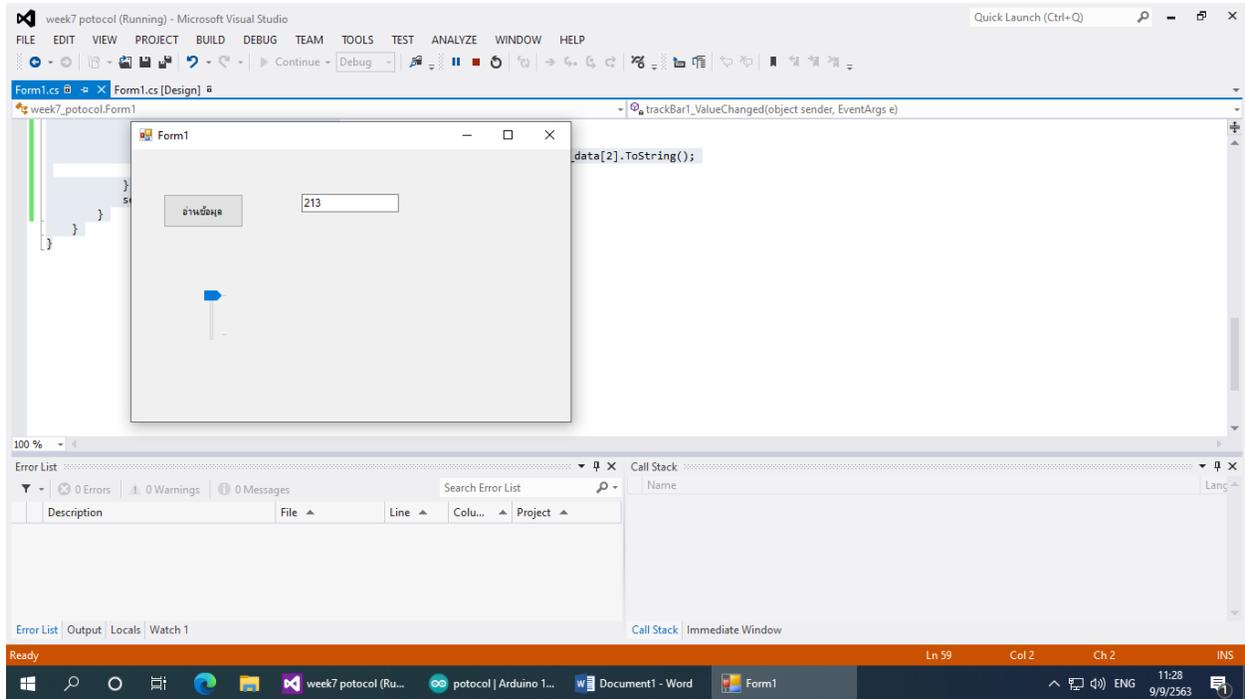else digitalWrite(13,0);

Serial.write(2);

Serial.write(data);

Serial.write(2+data);

    }

  Serial.flush();

}

}

FILE WINDOW HELP

Form1

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trackBar1_ValueChanged(object sender, EventArgs e)

ToString() + rx_data[2].ToString();

100 %

Error List

0 Errors 0 Warnings 0 Messages

Search Error List

	Description	File ▲	Line ▲	Colu... ▲	Project ▲

Error List Output Locals Watch 1

Call Stack

Name

Call Stack Immediate Window

Ready

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