```csharp
using System;
using System.Collections.Generic;
using System.ComponentModel;
using System.Data;
using System.Drawing;
using System.Linq;
using System.Text;
using System.Windows.Forms;

using System.IO.Ports;
namespace GPS
{
    public partial class GPS : Form
    {
        public GPS()
        {
            InitializeComponent();

        }
#region Methods
        public void SerialConnect(){
            using (SerialPort sp = new SerialPort("COM6", 9600, Parity.None,8, StopBits.One))
            {
                try
                {
                    sp.Open();
                    byte[] buffer = new byte[sp.BytesToRead];
                    //read directly
                    sp.Read(buffer, 0, buffer.Length);
                    sp.Close();
                    sp.Dispose();

                    //read using a Stream
                    //textBox1.Text =  System.Text.ASCIIEncoding.GetEncoding(0).GetString(buffer);
                    Parse(System.Text.ASCIIEncoding.GetEncoding(0).GetString(buffer));

                }
                catch (Exception ex)
                {
                    MessageBox.Show(ex.Message.ToString());
                }
            }
        }
        //Parse returned string for Latitude and Longitude
        public void Parse(string s)
        {
            string[] buffer = new string[1000];
            string latitude = "";
            string longitude = "";
            buffer = s.Split(',');
            for (int i = 0; i < buffer.Length; i++)
            {
                if (buffer[i].ToString() == "N" && i >= 1)
                {
                    latitude = buffer[i - 1].ToString() + "N";
                }
                if (buffer[i].ToString() == "W" && i >= 1)
                {
                    longitude = buffer[i - 1].ToString() + "W";
                }
            }
            textBox1.Text = longitude+ " " + latitude;
        }
#endregion
#region Events
        private void button1_Click(object sender, EventArgs e)
```

```csharp
        {
            SerialConnect();
        }

        private void button2_Click(object sender, EventArgs e)
        {
            textBox1.Text = "";
        }
#endregion
    }

}
```