Week5 26.08.63

นาย อัษราวุฒิ เจริญวัย 62122090109

```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;

namespace week5
{
    public partial class Form1 : Form

    {
        int x, y;
        bool movL, movR;
        public Form1()
        {
            InitializeComponent();
            x = box1.Location.X;
            y = box1.Location.Y;
        }

        private void Form1_Load(object sender, EventArgs e)
        {

        }

        private void button1_Click(object sender, EventArgs e)
        {
           timer1.Enabled = true;
           movL = true;
           movR = false;



        }

        private void button2_Click(object sender, EventArgs e)
        {
            timer1.Enabled = true;
            movR = true;
            movL = false;



        }

        private void timer1_Tick(object sender, EventArgs e)
        {
```

```csharp
            if (movL)
            {
                x = x - 10;
                if (x < 50)
                {

                    x = 50;
                    timer1.Enabled = false;
                    movL = false;
                }

            }

            if (movR)
            {
                x = x + 10;
                if (x > 230)
                {
                    x = 230;
                    timer1.Enabled = false;
                    movR = false;
                }

            }

            if (x==50)
                led1.BackColor = Color.Red;
            else
                led1.BackColor = Color.Gray;

            if (x == 230)
                led2.BackColor = Color.Red;
            else
                led2.BackColor = Color.Gray;

            box1.Location = new Point(x, y);
        }
    }
}
```

Form1

IN

Box

LED1

button1   button2

Form1

OUT

LED2

button1   button2