البرنامج


```csharp
using System;

using System.Collections.Generic;

using System.ComponentModel;

using System.Data;

using System.Drawing;

using System.Linq;
```

```csharp
using System.Text;
using System.Threading.Tasks;
using System.Windows.Forms;

namespace WindowsFormsApp12
{
    public partial class Form1 : Form
    {
        public Form1()
        {
            InitializeComponent();
        }

        private void button5_Click(object sender, EventArgs e)
        {
            int sum = 0;
            if (checkBox1.Checked)
            {
                sum+=Convert.ToInt32(checkBox1.Text);
            }
            if (checkBox2.Checked)
            {
                sum += Convert.ToInt32(checkBox2.Text);
            }
```

```csharp
            if (checkBox3.Checked) { sum += Convert.ToInt32(checkBox3.Text); }
            if(checkBox4.Checked) { sum += Convert.ToInt32(checkBox4.Text); }
            if(checkBox5.Checked) { sum += Convert.ToInt32(checkBox5.Text); }
            textBox1.Text = sum.ToString();
        }


        private void add_Click(object sender, EventArgs e)
        {
            if (r1.Checked) { label1.BackColor = Color.Red; }
            else if(r2.Checked) { label1.BackColor = Color.Green;}
            else if (r3.Checked) { label1.BackColor = Color.Blue; }
            else if (r4.Checked) { label1.BackColor = Color.Yellow; }
            if (r5.Checked) { label1.ForeColor = Color.Red; }
            else if (r6.Checked) { label1.ForeColor = Color.Green; }
            else if (r7.Checked) { label1.ForeColor = Color.Blue; }
            else if (r8.Checked) { label1.ForeColor = Color.Yellow; }
        }


        private void panel2_Paint(object sender, PaintEventArgs e)
        {


        }


        private void groupBox1_Enter(object sender, EventArgs e)
```

```csharp
    {

    }

    private void button1_Click(object sender, EventArgs e)
    {
        panel1.Enabled = true;
    }


    private void button2_Click(object sender, EventArgs e)
    {
        panel1.Enabled=false;
    }


    private void button3_Click(object sender, EventArgs e)
    {
        panel1.Visible = true;
    }


    private void button4_Click(object sender, EventArgs e)
    {
        panel1.Visible=false;
    }
```
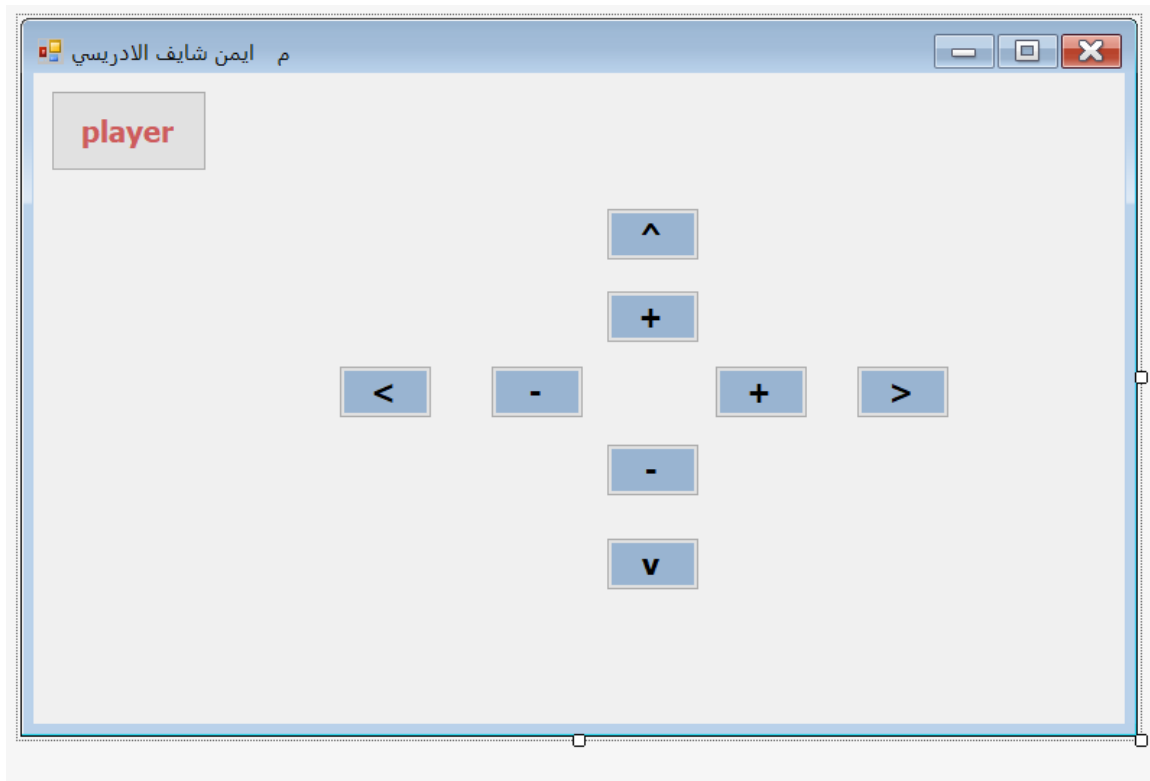
```csharp
        private void Form1_Load(object sender, EventArgs e)
        {


        }
    }
}
```

using System;

using System.Collections.Generic;

```csharp
using System.ComponentModel;

using System.Data;

using System.Drawing;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

using System.Windows.Forms;


namespace WindowsFormsApp12

{

    public partial class Form2 : Form

    {

        public Form2()

        {

            InitializeComponent();

        }


        private void Form2_Load(object sender, EventArgs e)

        {

            this.Top = 0;

            this.Left = 0;

            this.Width = this.Width + 100;

            this.Height = this.Height + 100;

        }
```

```csharp
private void button5_Click(object sender, EventArgs e)
{
    player.Top -= 5;
}


private void button2_Click(object sender, EventArgs e)
{
    player.Size=new Size(player.Width, player.Height+5);
}


private void button9_Click(object sender, EventArgs e)
{
    player.Size=new Size(player.Width,player.Height-5);
}


private void button8_Click(object sender, EventArgs e)
{
    player.Location = new Point(player.Left, player.Top + 5);
}


private void button6_Click(object sender, EventArgs e)
{
    player.Width += 5;
```

```
        }


        private void button4_Click(object sender, EventArgs e)

        {

            player.Width-=5;

        }


        private void button3_Click(object sender, EventArgs e)

        {

            player.Location = new Point(player.Left - 5, player.Top);

        }


        private void button7_Click(object sender, EventArgs e)

        {

            player.Location=new Point(player.Left + 5, player.Top);

        }

    }

}
```
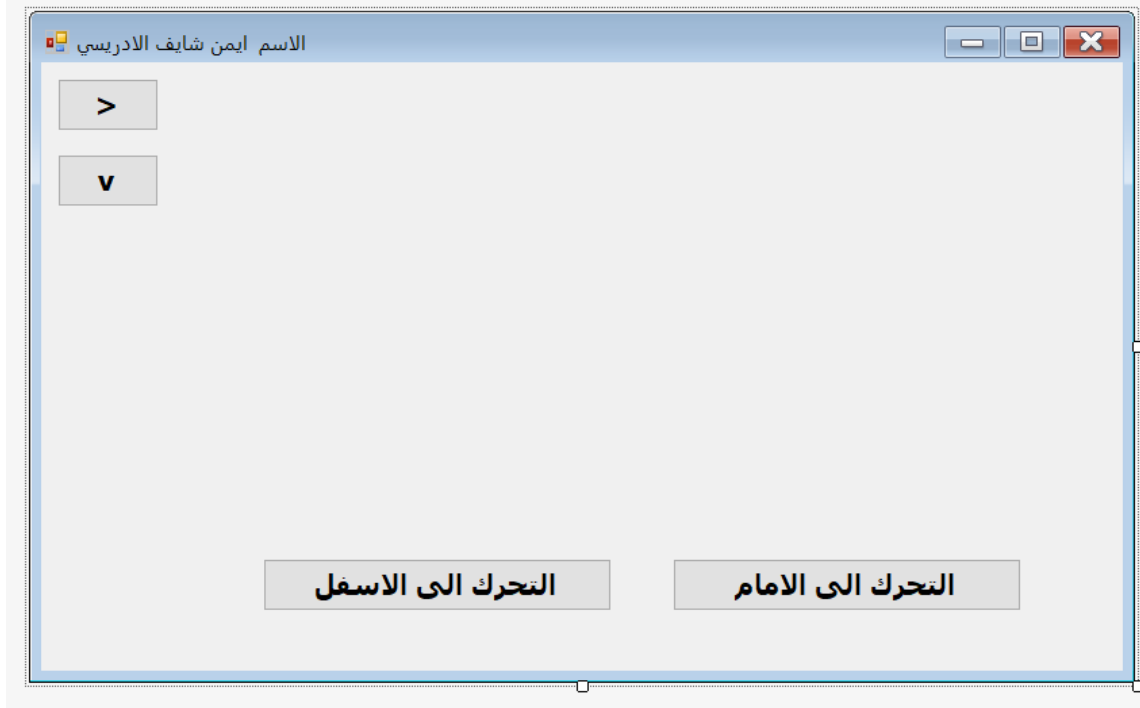
<div dir="rtl">

البرنامج الثالث

</div>

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 WindowsFormsApp12

{

   public partial class Form3 : Form

```csharp
{
    public Form3()
    {
        InitializeComponent();
    }

    private void button4_Click(object sender, EventArgs e)
    {
        //for(int i = 0; i < this.Width; i++)
        //{
        //    rit.Left += 5;
        //    System.Threading.Thread.Sleep(1000);
        //    Application.DoEvents();
        //    if (rit.Left > this.Width - rit.Width)
        //        break;

        //}

        threadgo = new Thread(go);
        threadgo.Start();
    }
    Thread threadgo;
    void go()
    {
```

```csharp
        for(int i = 0; i <= this.Width; i++)
        {
            Invoke(new Action(() =>
            {
                rit.Left += 10;
            }));
            if(rit.Left > this.Width - rit.Width - 50)
            {
                break;
            }
            System.Threading. Thread.Sleep(1000);
        }
    }

    private void button3_Click(object sender, EventArgs e)
    {
        for (int i = dow.Top; i < this.Height - dow.Height - 70; i++)
        {
            if (dow.Top > this.Height - dow.Height - 70)
            {
                break;
            }
            dow.Top += 10;
            System.Threading.Thread.Sleep(100);
```

```
                Application.DoEvents();

            }

        }


        private void Form3_FormClosing(object sender, FormClosingEventArgs
e)
        {
            if(threadgo != null)

                threadgo.Abort();

        }

    }
}
```

البرنامج الرابع

```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 WindowsFormsApp12

{

    public partial class Form4 : Form

    {

        public Form4()

        {

            InitializeComponent();

        }


        private void Form4_Load(object sender, EventArgs e)

        {

paneladd.Visible=panelmul.Visible=panelmult.Visible=paneldiv.Visible=false;
```

```csharp
        paneladd.Location = paneldiv.Location = panelmul.Location =
panelmult.Location = new Point(1, 60);

        this.Height = add.Height + 50;

        this.Width = mult.Left + mult.Width + 7;

        //////////////////////////

        divclo.Click += addclo_Click;

        multclo.Click+= addclo_Click;

        divclo.Click+= addclo_Click;

        ////////////////////////////////

        add2.KeyPress += add1_KeyPress;

        div1.KeyPress += add1_KeyPress;

        div2.KeyPress += add1_KeyPress;

        mul1.KeyPress += add1_KeyPress;

        mul2.KeyPress += add1_KeyPress;

        mult1.KeyPress += add1_KeyPress;

        mult2.KeyPress += add1_KeyPress;




    }


    private void addclo_Click(object sender, EventArgs e)

    {

      Form4_Load(null, null);

    }
```

```csharp
private void add1_KeyPress(object sender, KeyPressEventArgs e)
{
    if((e.KeyChar <'0'||e.KeyChar >'9')&&(e.KeyChar!=8))
        e.Handled=true;
}


private void add_Click(object sender, EventArgs e)
{
    paneladd.Visible = true;
    panelmult.Visible = false;
    paneldiv.Visible = false;
    panelmul.Visible = false;
    Height = paneladd.Height * 2;
}


private void mul_Click(object sender, EventArgs e)
{
    paneladd.Visible = false;
    panelmult.Visible = false;
    paneldiv.Visible = false;
    panelmul.Visible = true;
    Height=panelmul.Height * 2;
}
```

```csharp
private void div_Click(object sender, EventArgs e)
{
    paneladd.Visible = false;
    panelmult.Visible = false;
    paneldiv.Visible = true;
    panelmul.Visible = false;
    Height=paneldiv.Height * 2;
}


private void mult_Click(object sender, EventArgs e)
{
    paneladd.Visible = false;
    panelmult.Visible = true;
    paneldiv.Visible = false;
    panelmul.Visible = false;
    Height=panelmult.Height * 2;
}


private void addrus_Click(object sender, EventArgs e)
{
    if (add1.Text.Trim() != "" && add2.Text.Trim() != "")
    {
        int sum = (Convert.ToInt32(add1.Text) +
(Convert.ToInt32(add2.Text)));
```

```csharp
        addrus.Text = sum.ToString();

    }

    else

    {

        MessageBox.Show("عذرا هناك حقل فارغ يرجا التاكد من ادخال جميع الحقول
المطلوبه", "error",MessageBoxButtons.OKCancel);

    }




}


private void mulclo_Click(object sender, EventArgs e)

{



}


private void mulrus_Click(object sender, EventArgs e)

{

    if (mul1.Text.Trim() != "" && mul2.Text.Trim() != "")

    {

        int m = (Convert.ToInt32(mul1.Text) - (Convert.ToInt32(mul2.Text)));

        mulrus.Text = m.ToString();

    }
```

```csharp
        else

        {

            MessageBox.Show(" عذرا هناك حقل فارغ يرجا التاكد من ادخال جميع الحقول
المطلوبه", "error", MessageBoxButtons.OKCancel);

        }

    }


    private void divrus_Click(object sender, EventArgs e)

    {

        if (div1.Text.Trim() != "" && div2.Text.Trim() != "")

        {

            int d = (Convert.ToInt32(div1.Text) / (Convert.ToInt32(div2.Text)));

            divrus.Text = d.ToString();

        }

        else

        {

            MessageBox.Show(" عذرا هناك حقل فارغ يرجا التاكد من ادخال جميع الحقول
المطلوبه", "error", MessageBoxButtons.OKCancel);

        }

    }


    private void multrus_Click(object sender, EventArgs e)

    {

        if (mult1.Text.Trim() != "" && mult2.Text.Trim() != "")

        {
```

```csharp
            int m = (Convert.ToInt32(mult1.Text)
*(Convert.ToInt32(mult2.Text)));

            multrus.Text = m.ToString();

        }

        else

        {

            MessageBox.Show(" عذرا هناك حقل فارغ يرجا التاكد من ادخال جميع الحقول
المطلوبه", "error", MessageBoxButtons.OKCancel);

        }

    }

  }

}
```