

## GÖRSEL PROGRAMLAMA I DERS NOTLARI



```
private void button1_Click(object sender, EventArgs e)
{
    label1.Visible = true;
    label1.Text = "Program başlamıştır....";
    button1.Enabled = false;//aktiflik-pasiflik
    button2.Enabled = true;
}

private void button2_Click(object sender, EventArgs e)
{
    label1.Text = "Program bitmiştir...";
    button2.Enabled = false;
    button1.Enabled = true;
}

private void Form1_Load(object sender, EventArgs e)
{
    //label1.Visible = false;//görünür-görünmez
    button2.Enabled = false;
}

private void button3_Click(object sender, EventArgs e)
{
    label1.Text = metin1.Text;
}
```

```

private void metin1_TextChanged(object sender, EventArgs e)
{
    label1.Text = metin1.Text;
}

private void metin2_TextChanged(object sender, EventArgs e)
{
    // multiline=true, passwordchar=*, herhangi bir karakter...
}

```



```

int deger, sonuc = 0;

private void button2_Click(object sender, EventArgs e)
{
    deger = 2;
    textBox1.Text = deger.ToString();
}

private void button3_Click(object sender, EventArgs e)
{
    deger = 3;
    textBox1.Text = deger.ToString();
}

private void button4_Click(object sender, EventArgs e)
{
    deger = 4;
    textBox1.Text = deger.ToString();
}

private void button5_Click(object sender, EventArgs e)
{
    deger = 5;
    textBox1.Text = deger.ToString();
}

private void button6_Click(object sender, EventArgs e)

```

```

{
    deger = 6;
    textBox1.Text = deger.ToString();
}

private void button7_Click(object sender, EventArgs e)
{
    deger = 7;
    textBox1.Text = deger.ToString();
}

private void button8_Click(object sender, EventArgs e)
{
    deger = 8;
    textBox1.Text = deger.ToString();
}

private void button9_Click(object sender, EventArgs e)
{
    deger = 9;
    textBox1.Text = deger.ToString();
}

private void button10_Click(object sender, EventArgs e)
{
    deger = 0;
    textBox1.Text = deger.ToString();
}

private void Form2_Load(object sender, EventArgs e)
{

}

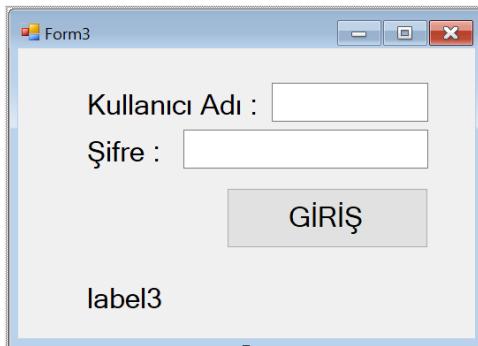
private void button11_Click(object sender, EventArgs e)
{
    sonuc = sonuc + deger;
}

private void button12_Click(object sender, EventArgs e)
{
    sonuc = sonuc + deger;
    textBox1.Text = sonuc.ToString();
    MessageBox.Show("İşlemin Sonucu= "+sonuc.ToString());
}

private void button13_Click(object sender, EventArgs e)
{
    Form1 frm = new Form1();
    frm.Show();
}

private void button1_Click(object sender, EventArgs e)
{
    deger = 1;
    textBox1.Text = deger.ToString();
}

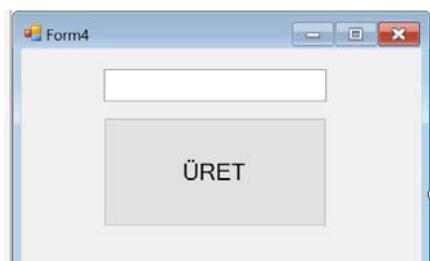
```



```
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 WindowsFormsApp2
{
    public partial class Form3 : Form
    {
        public Form3()
        {
            InitializeComponent();
        }

        private void button1_Click(object sender, EventArgs e)
        {
            if (textBox1.Text == "Akhisar" && textBox2.Text == "1234")
            {
                label3.Visible = true;
                label3.Text = "Giriş Başarılı...";
            }
            else
            {
                textBox1.Text = "";
                textBox2.Text = "";
                label3.Visible = true;
                label3.BackColor = Color.Red;
                label3.ForeColor = Color.White;
                label3.Text = "Giriş Başarısız...";
            }
        }
    }
}
```



```
using System;
using System.Collections.Generic;
```

```

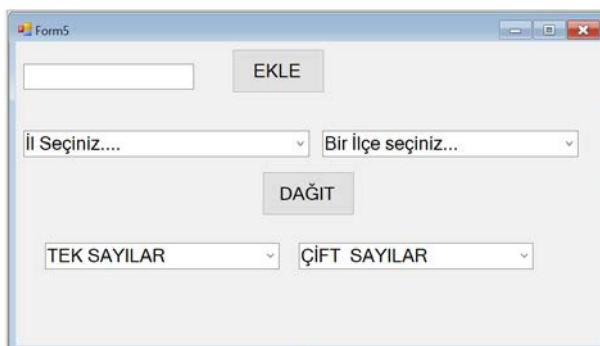
using System.ComponentModel;
using System.Data;
using System.Drawing;
using System.Linq;
using System.Text;
using System.Threading.Tasks;
using System.Windows.Forms;

namespace WindowsFormsApp2
{
    public partial class Form4 : Form
    {
        public Form4()
        {
            InitializeComponent();
        }

        private void button1_Click(object sender, EventArgs e)
        {
            int sayi=0;
            string s="";
            Random rnd = new Random();
            int sayac = Convert.ToInt16(textBox1.Text);
            for (int i = 1; i <= sayac; i++)
            {
                sayi = rnd.Next(10);
                s = s + " "+sayi.ToString();
            }
            label1.Text = "Rastgele Tutulan sayılar "+s.ToString();
        }

        private void textBox1_TextChanged(object sender, EventArgs e)
        {
        }
    }
}

```



```

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 WindowsFormsApp2
{
    public partial class Form5 : Form

```

```

{
    public Form5()
    {
        InitializeComponent();
    }

    private void Form5_Load(object sender, EventArgs e)
    {

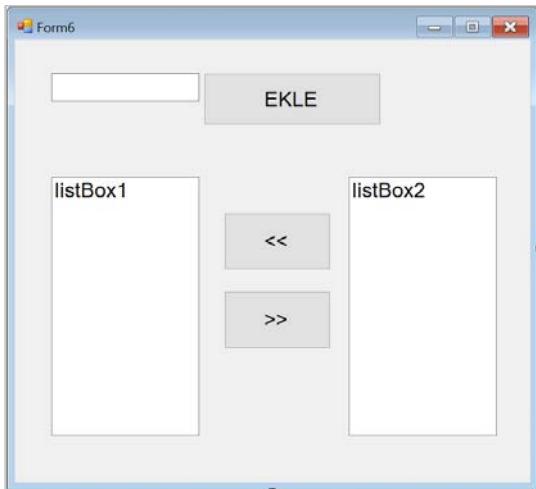
    }

    private void button1_Click(object sender, EventArgs e)
    {
        comboBox1.Items.Add(textBox1.Text);
        textBox1.Text = "";
    }

    private void comboBox2_SelectedIndexChanged(object sender, EventArgs e)
    {
        comboBox1.Items.Clear();
        if (comboBox2.Text == "Manisa")
        {
            comboBox1.Items.Add("Akhisar");
            comboBox1.Items.Add("Soma");
            comboBox1.Items.Add("Saruhanli");
        }
        if (comboBox2.Text == "İzmir")
        {
            comboBox1.Items.Add("Urla");
            comboBox1.Items.Add("Bornova");
            comboBox1.Items.Add("Gaziemir");
        }
        if (comboBox2.Text == "Aydın")
        {
            comboBox1.Items.Add("Söke");
            comboBox1.Items.Add("Nazilli");
            comboBox1.Items.Add("Germencik");
        }
    }

    private void button2_Click(object sender, EventArgs e)
    {
        for(int i=0;i<=50;i++)
        {
            if (i % 2 == 0)
                comboBox4.Items.Add(i.ToString());
            else
                comboBox3.Items.Add(i.ToString());
        }
    }
}

```



```
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 WindowsFormsApp2
{
    public partial class Form6 : Form
    {
        public Form6()
        {
            InitializeComponent();
        }

        private void button1_Click(object sender, EventArgs e)
        {
            listBox1.Items.Add(textBox1.Text);
        }

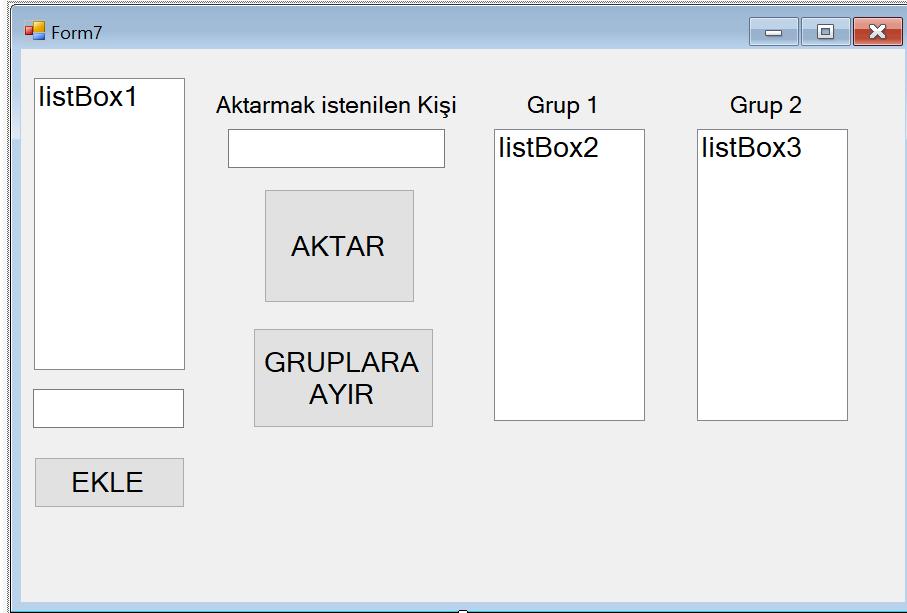
        private void button3_Click(object sender, EventArgs e)
        {
            for (int i = listBox1.SelectedIndices.Count - 1; i >= 0; i--)
            {
                listBox2.Items.Add(listBox1.SelectedItems[i]);
                listBox1.Items.RemoveAt(listBox1.SelectedIndices[i]);
            }
        }

        private void button2_Click(object sender, EventArgs e)
        {
            for (int i = listBox2.SelectedIndices.Count - 1; i >= 0; i--)
            {
                listBox1.Items.Add(listBox2.SelectedItems[i]);
                listBox2.Items.RemoveAt(listBox2.SelectedIndices[i]);
            }
        }
        private void Form6_Load(object sender, EventArgs e)
        {
            listBox1.SelectionMode = SelectionMode.MultiSimple; // Çoklu seçim
        }
    }
}
```

```

        listBox2.SelectionMode = SelectionMode.MultiSimple;
    }
}
}

```



```

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 WindowsFormsApp2
{
    public partial class Form7 : Form
    {
        public Form7()
        {
            InitializeComponent();
        }

        private void button1_Click(object sender, EventArgs e)
        {
            if (textBox1.Text != "")
            {
                listBox1.Items.Add(textBox1.Text);
            }
            textBox1.Text = "";
        }

        private void button2_Click(object sender, EventArgs e)
        {
            try
            {
                int sayi = Int32.Parse(textBox2.Text);
                Random rnd = new Random();
                for (int i = 1; i <= sayi; i++)
                {

```

```

        int tutulan = rnd.Next(0, listBox1.Items.Count);
        listBox2.Items.Add(listBox1.Items[tutulan]);
        listBox1.Items.RemoveAt(tutulan);
    }
}
catch
{
    MessageBox.Show("Bilgileri kontrol edin.");
}
}

private void button3_Click(object sender, EventArgs e)
{
    Random rnd = new Random();
    int kisiSayisi = listBox1.Items.Count;
    for (int i = 1; i <= kisiSayisi; i++)
    {
        int tutulan = rnd.Next(0, listBox1.Items.Count);
        if (i % 2 == 1)
        {
            listBox2.Items.Add(listBox1.Items[tutulan]);
            listBox1.Items.RemoveAt(tutulan);
        }
        else
        {
            listBox3.Items.Add(listBox1.Items[tutulan]);
            listBox1.Items.RemoveAt(tutulan);
        }
    }
}
}
}

```



```

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 WindowsFormsApp2
{

```

```

public partial class Form8 : Form
{
    public Form8()
    {
        InitializeComponent();
    }

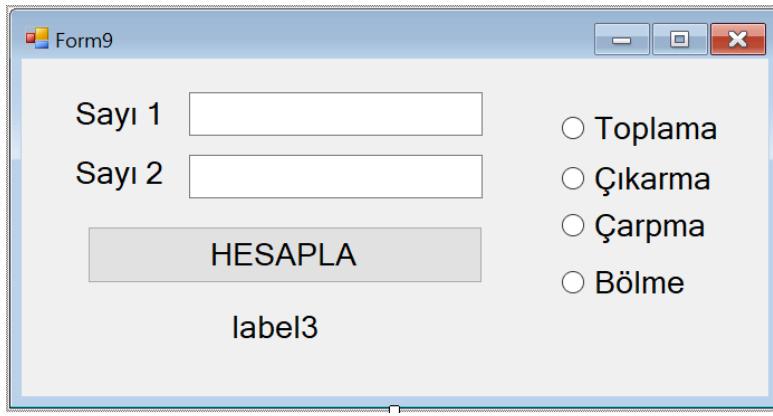
    private void Form8_Load(object sender, EventArgs e)
    {

    }

    private void button1_Click(object sender, EventArgs e)
    {
        string s = "";
        if (radioButton1.Checked)
            s = s + " " + radioButton1.Text;
        if (radioButton2.Checked)
            s = s + " " + radioButton2.Text;
        if (radioButton3.Checked)
            s = s + " " + radioButton3.Text;
        if (radioButton4.Checked)
            s = s + " " + radioButton4.Text;
        if (radioButton5.Checked)
            s = s + " " + radioButton5.Text;

        label1.Text = s;
    }
}

```



```

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 WindowsFormsApp2
{
    public partial class Form9 : Form
    {
        public Form9()
        {

```

```

        InitializeComponent();
    }

    private void button1_Click(object sender, EventArgs e)
    {
        int sayi1, sayi2;
        double sonuc = 0;
        sayi1 = Convert.ToInt16(textBox1.Text);
        sayi2 = Convert.ToInt16(textBox2.Text);

        if (radioButton1.Checked)
            sonuc = sayi2 + sayi1;
        if (radioButton2.Checked)
            sonuc = sayi1 - sayi2;
        if (radioButton3.Checked)
            sonuc = sayi1 * sayi2;
        if (radioButton4.Checked)
            sonuc = Convert.ToDouble(sayi1) / Convert.ToDouble(sayi2);

        label3.Text = sonuc.ToString();
    }

    private void Form9_Load(object sender, EventArgs e)
    {
    }
}

```



```

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 WindowsFormsApp2
{
    public partial class Form10 : Form
    {
        public Form10()
        {
            InitializeComponent();

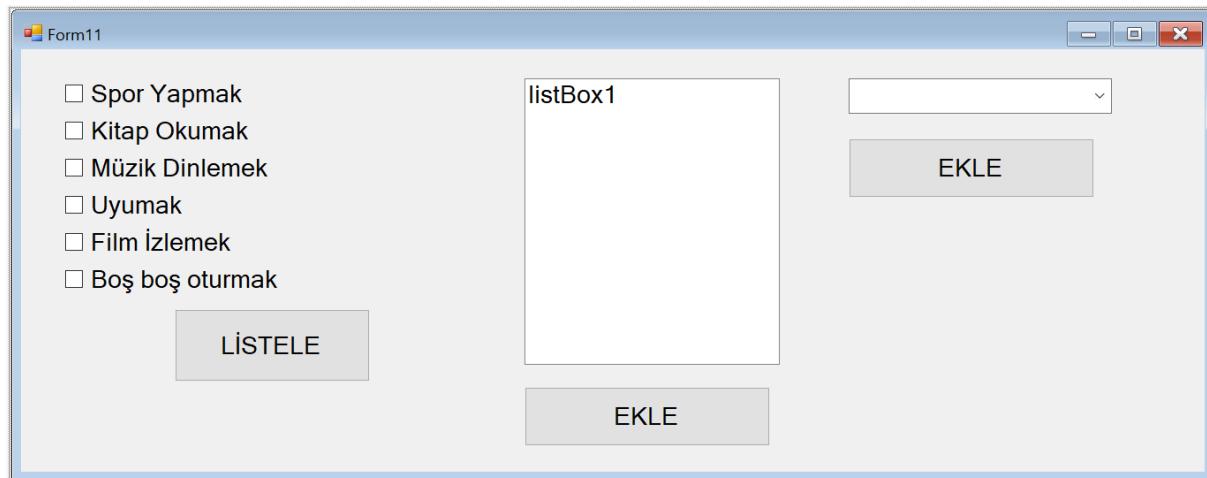
```

```

        }

        private void button1_Click(object sender, EventArgs e)
        {
            string s = "";
            if (checkBox1.Checked)
                s = s + " " + checkBox1.Text;
            if (checkBox2.Checked)
                s = s + " " + checkBox2.Text;
            if (checkBox3.Checked)
                s = s + " " + checkBox3.Text;
            label1.Text = s;
        }
    }
}

```



```

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 WindowsFormsApp2
{
    public partial class Form11 : Form
    {
        public Form11()
        {
            InitializeComponent();
        }

        private void button1_Click(object sender, EventArgs e)
        {
            string s = "";
            foreach (Control k in this.Controls)
            {
                if (k is CheckBox)
                {
                    CheckBox chk = (CheckBox)k;
                    if (chk.Checked)

```

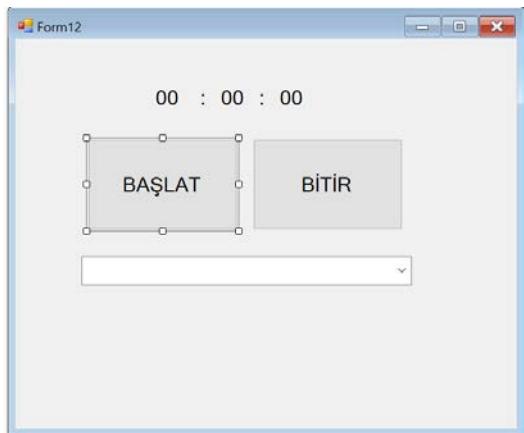
```

        s = chk.Text +" "+ s;
    }
}
MessageBox.Show(s);
}

private void button2_Click(object sender, EventArgs e)
{
    string s = "";
    foreach (Control k in this.Controls)
    {
        if (k is CheckBox)
        {
            CheckBox chk = (CheckBox)k;
            if (chk.Checked)
                listBox1.Items.Add(chk.Text);
        }
    }
}

private void button3_Click(object sender, EventArgs e)
{
    string s = "";
    foreach (Control k in this.Controls)
    {
        if (k is CheckBox)
        {
            CheckBox chk = (CheckBox)k;
            if (chk.Checked)
                comboBox1.Items.Add(chk.Text);
        }
    }
}
}

```



```

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 WindowsFormsApp2
{
    public partial class Form12 : Form
    {
        public Form12()
        {
            InitializeComponent();
        }
        int dakika = 0, sayac = 0, saat = 0;
        private void timer1_Tick(object sender, EventArgs e)
        {
            sayac++;
            if (sayac < 60)
            {
                label1.Text = sayac.ToString();
            }
            else
            {
                sayac = 0;
                label1.Text = sayac.ToString();
                dakika++;
                if (dakika < 60)
                { label3.Text = dakika.ToString(); }
                else
                {
                    dakika = 0;
                    label3.Text = dakika.ToString();
                    saat++;
                    label5.Text = saat.ToString();
                }
            }
        }

        private void button1_Click(object sender, EventArgs e)
        {
            timer1.Enabled = true;//timer çalıştır
        }

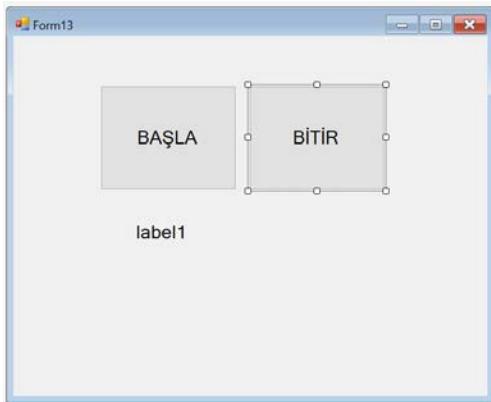
        private void button2_Click(object sender, EventArgs e)
        {
            timer1.Enabled = false;//timer durdur
        }

        private void button3_Click(object sender, EventArgs e)
        {

        }

        private void comboBox1_SelectedIndexChanged(object sender, EventArgs e)
        {
            timer1.Interval = Convert.ToInt16(comboBox1.Text);
        }
    }
}

```



```
namespace WindowsFormsApp2
{
    public partial class Form13 : Form
    {
        int sayi = 60;
        public Form13()
        {
            InitializeComponent();
        }

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

        private void timer1_Tick(object sender, EventArgs e)
        {

            if (sayi > 0)
            {
                sayi--;
                label1.Text = sayi.ToString();

                if (sayi % 3 == 0)
                    label1.ForeColor = Color.Red;
                else if (sayi % 3 == 1)
                    label1.ForeColor = Color.Black;
                else
                    label1.ForeColor = Color.White;
            }
            else
                sayi = 60;
        }

        private void button2_Click(object sender, EventArgs e)
        {
            timer1.Enabled = false;
        }
    }
}
```