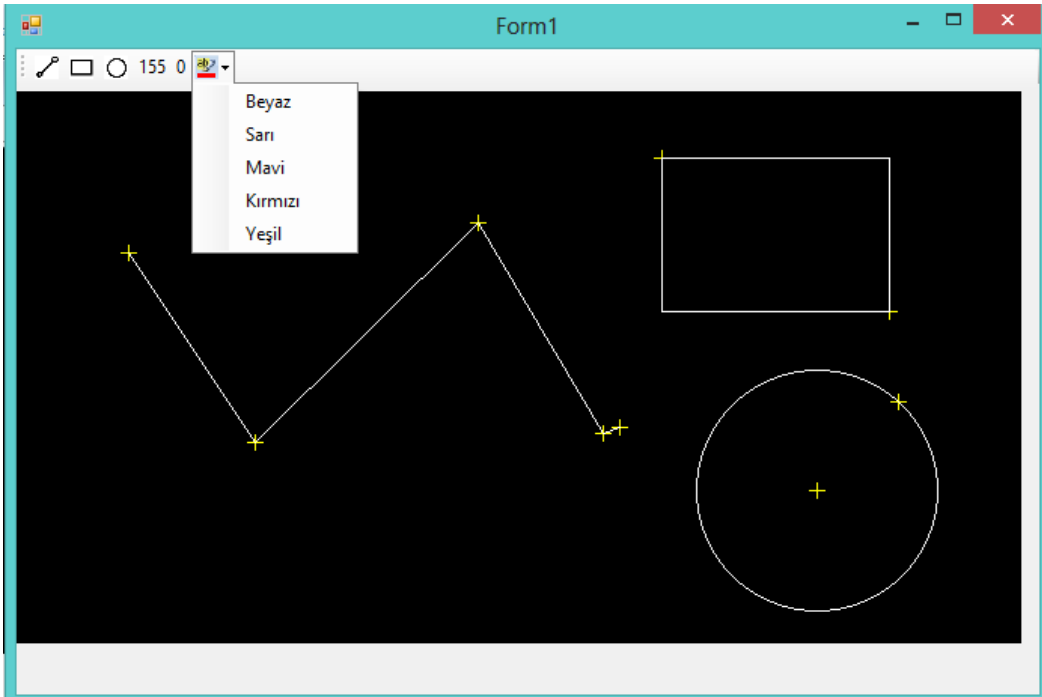


ÇİZİM PROGRAMI -2



```
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;

namespace WindowsFormsApplication12
{
    public partial class Form1 : Form
    {
        public Form1()
        {
            InitializeComponent();
        }
        Graphics grafik;
        int Sayac;
        string CizimModu=null;
        int X1 = 0;
        int Y1 = 0;
        int X2 = 0;
        int Y2 = 0;

        Pen Kalem = new Pen(System.Drawing.Color.White, 1);

        private void Form1_Load(object sender, EventArgs e)
        {
            grafik = pictureBox1.CreateGraphics();
        }

        private void pictureBox1_MouseMove(object sender, MouseEventArgs e)
        {
```

```
        lblX.Text = e.X.ToString();
        lblY.Text = e.Y.ToString();
    }

private void pictureBox1_MouseUp(object sender, MouseEventArgs e)
{
    if (Sayac == 0)
    {
        X1 = e.X;
        Y1 = e.Y;
        grafik.DrawLine(Pens.Yellow, X1 - 5, Y1, X1 + 5, Y1);
        grafik.DrawLine(Pens.Yellow, X1, Y1 - 5, X1, Y1 + 5);
        Sayac = Sayac + 1;
    }
    else if (Sayac == 1)
    {
        X2 = e.X;
        Y2 = e.Y;
        grafik.DrawLine(Pens.Yellow, X2 - 5, Y2, X2 + 5, Y2);
        grafik.DrawLine(Pens.Yellow, X2, Y2 - 5, X2, Y2 + 5);

        if (CizimModu == "Line")
        {
            grafik.DrawLine(Kalem, X1, Y1, X2, Y2);

            X1 = X2;
            Y1 = Y2;
        }
        else if (CizimModu == "Rectangle")
        {
            //Ödevde her yönden dikdörtgen çizimi tamamlanacak.
            int Genislik = X2 - X1;
            int Yukseklik = Y2 - Y1;
            grafik.DrawRectangle(Kalem, X1, Y1, Genislik, Yukseklik);
            Sayac = 0;
        }
        else if (CizimModu == "Circle")
        {
            int R = Convert.ToInt32( Math.Sqrt((X2 - X1) * (X2 - X1) +
(Y2 - Y1) * (Y2 - Y1)));
            X1 = X1 - R;
            Y1 = Y1 - R;
            int W = 2 * R;
            int H = 2 * R;

            grafik.DrawEllipse(Kalem, X1, Y1, W, H);
            Sayac = 0;
        }
    }
}

private void btnLine_Click(object sender, EventArgs e)
{
    CizimModu = "Line";
    Sayac = 0;
}

private void btnRectangle_Click_1(object sender, EventArgs e)
{

```

```
        CizimModu = "Rectangle";
        Sayac = 0;
    }

private void btnCircle_Click_1(object sender, EventArgs e)
{
    CizimModu = "Circle";
    Sayac = 0;
}

private void beyazToolStripMenuItem_Click(object sender, EventArgs e)
{
    Kalem.Color = Color.White;
}

private void kırmızıToolStripMenuItem_Click(object sender, EventArgs e)
{
    Kalem.Color = Color.Red;
}

private void maviToolStripMenuItem_Click(object sender, EventArgs e)
{
    Kalem.Color = Color.Blue;
}
}
}
```