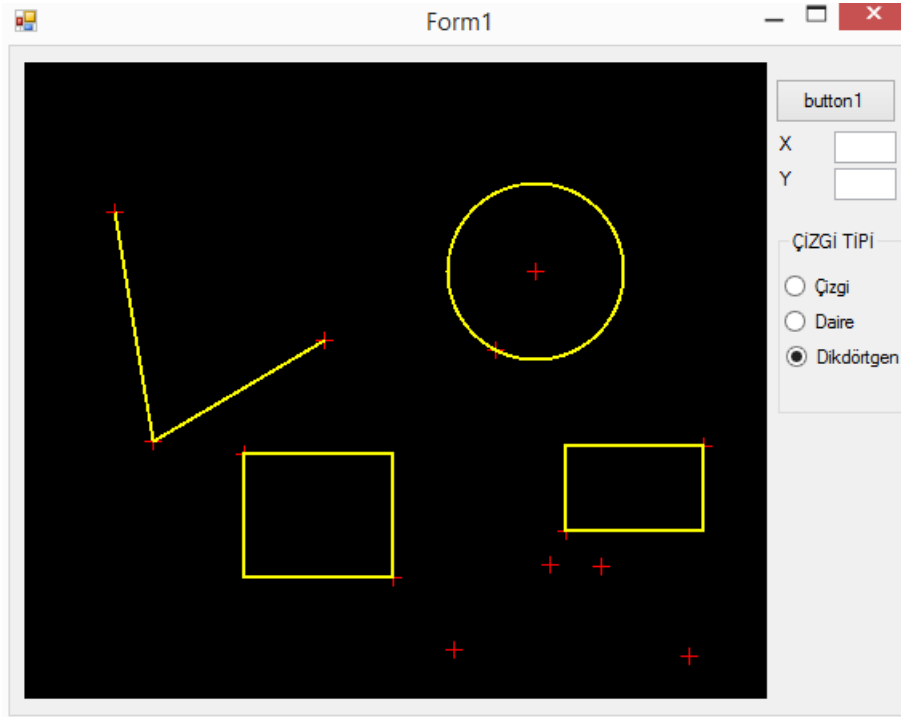


Çizim Programı



```
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 WindowsFormsApplication6
{
    public partial class Form1 : Form
    {
        public Form1()
        {
            InitializeComponent();
        }
        int X,Y, X1, Y1, X2, Y2;

        Graphics CizimAlani;
        Pen Kalem1 = new Pen(System.Drawing.Color.Yellow, 2);
        Pen Kalem2 = new Pen(System.Drawing.Color.Red, 1);

        int Sayac = 0;

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

        private void button1_Click(object sender, EventArgs e)
        {
            CizimAlani.DrawLine(Kalem1, 50, 100, 250, 200);
        }
    }
}
```

```
private void pictureBox1_MouseDown(object sender, MouseEventArgs e)
{
    Sayac = Sayac + 1;
    //int Mod = Sayac % 2;

    if (radioButton1.Checked == true)
    {
        if (Sayac == 1)
        {
            X1 = e.X;
            Y1 = e.Y;

            ArtiCiz(X1, Y1);
        }
        else
        {
            X2 = e.X;
            Y2 = e.Y;

            ArtiCiz(X2, Y2);

            CizimAlani.DrawLine(Kalem1, X1, Y1, X2, Y2);

            X1 = X2;
            Y1 = Y2;
        }
    }

    if (radioButton2.Checked == true)
    {
        int Mod = Sayac % 2;

        if (Mod == 1)
        {
            X1 = e.X;
            Y1 = e.Y;

            ArtiCiz(X1, Y1);
        }
        else if (Mod == 0)
        {
            X2 = e.X;
            Y2 = e.Y;

            ArtiCiz(X2, Y2);

            int R =Convert.ToInt32( Math.Sqrt(Math.Pow((X2 - X1), 2) + Math.Pow((Y2 -
Y1), 2)));

            int a = X1 - R;
            int b = Y1 - R;

            int W = 2 * R;
            int H = 2 * R;

            CizimAlani.DrawEllipse(Kalem1, a, b, W, H);
        }
    }

    if (radioButton3.Checked == true)
    {
        int Mod = Sayac % 2;
```

```
        if (Mod == 1)
        {
            X1 = e.X;
            Y1 = e.Y;

            ArtiCiz(X1, Y1);
        }
        else if (Mod == 0)
        {
            X2 = e.X;
            Y2 = e.Y;

            ArtiCiz(X2, Y2);

            if(X2>=X1 && Y2>=Y1)
            {
                int a = X1;
                int b = Y1;
                int W = Math.Abs(X2 - X1);
                int H = Math.Abs(Y2 - Y1);

                CizimAlani.DrawRectangle(Kalem1, a, b, W, H);

            }

            else if (X2 <= X1 && Y2 >= Y1)
            {
                int a = X2;
                int b = Y1;
                int W = Math.Abs(X2 - X1);
                int H = Math.Abs(Y2 - Y1);

                CizimAlani.DrawRectangle(Kalem1, a, b, W, H);

            }

        }
    }

}

private void radioButton1_Click(object sender, EventArgs e)
{
    Sayac = 0;
}

private void radioButton2_Click(object sender, EventArgs e)
{
    Sayac = 0;
}

private void radioButton3_Click(object sender, EventArgs e)
{
    Sayac = 0;
}

public void ArtiCiz(int X, int Y)
{
    CizimAlani.DrawLine(Kalem2, X-5, Y, X+5, Y);
    CizimAlani.DrawLine(Kalem2, X, Y-5, X, Y+5);
}
```

}
}
}