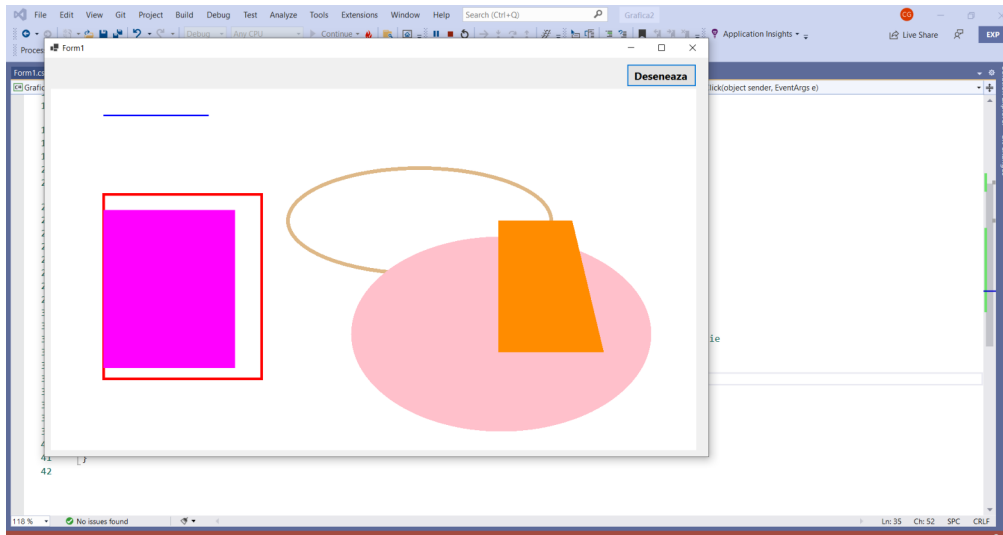Prof. Carmen Gal

Grafică 2

Desenarea unei linii, a unui dreptunghi, respectiv elipse intr-un PictureBox:


```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 Grafica2
{
    public partial class Form1 : Form
    {
        Graphics g;//crearea unui obiect grafic
        int w, h;
        public Form1()
        {
            InitializeComponent();
        }

        private void button1_Click(object sender, EventArgs e)
        {
```

```csharp
        Graphics g;//crearea unui obiect grafic

        w = pictureBox1.Width;
        h = pictureBox1.Height;
        pictureBox1.Image = new Bitmap(w,h);//se deseneaza intr-un pictureBox
        g = Graphics.FromImage(pictureBox1.Image);
        Pen p = new Pen(Color.Blue, 3);//un nou pen de culoare albastra
        g.DrawLine(p, 100, 50, 300, 50);//desenarea unei linii
        g.DrawRectangle(new Pen(Color.Red, 5), 100, 200, 300, 350);//desenarea unui
dreptunghi de culoare rosie
        g.FillRectangle(Brushes.Magenta, 100, 230, 250, 300);//desenare dreptunghi plin de
culoare mov
        g.DrawEllipse(new Pen(Color.BurlyWood, 7), 450, 150, 500, 200);//desenare elipsa
        g.FillEllipse(Brushes.Pink, 570, 280, 570, 370);//elipsa plina
        Point[] px = new Point[6]{new Point(850,250), new Point(990,250),//definire puncte
pentru poligon
            new Point(1050,500),new Point(1090,500),new Point(850,500),new Point(850,300)};
        g.FillPolygon(Brushes.DarkOrange, px);//desenare poligon
    }
  }
}
```