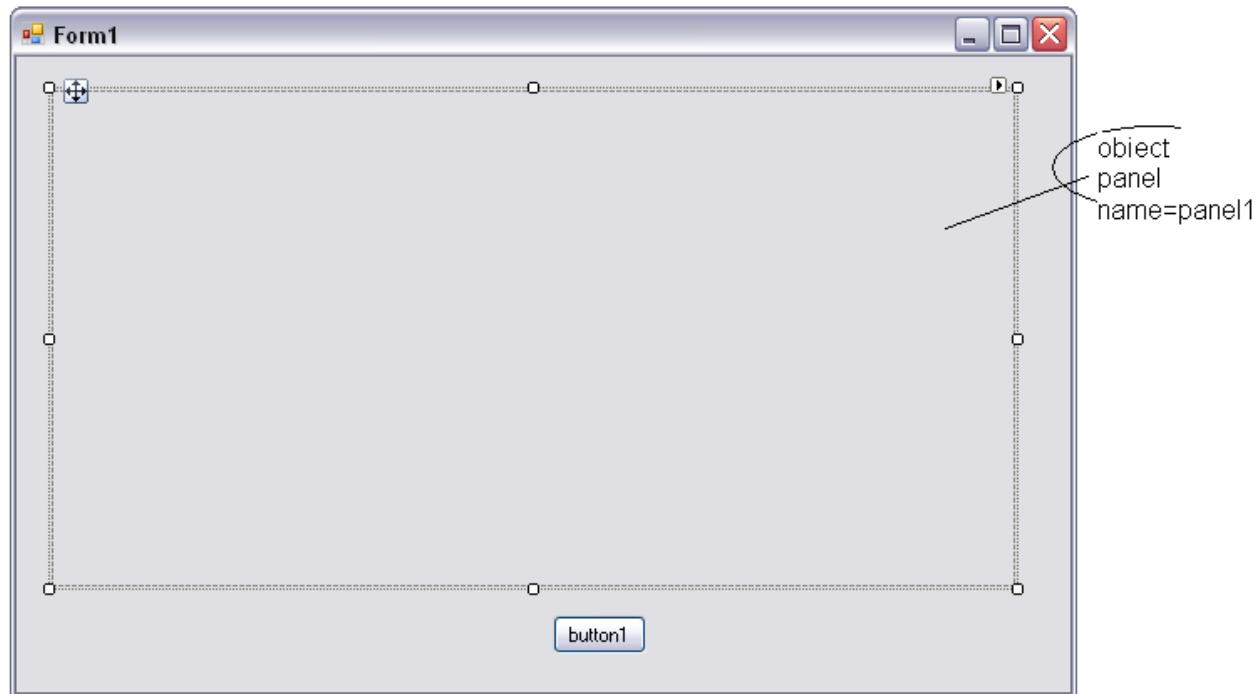


Desenare 1- pagina 1 din 8

Pentru aplicatiile urmatoare se prezinta formularul si obiectele continute in el, apoi codul atasat diverselor evenimente, iar in unele cazuri valorile proprietatilor din fereatsra Properties.

Aplicatia1

Pas1: crearea formularului cu un obiect Panel si un obiect Button



Desenare 1- pagina 2 din 8

WindowsFormsApplication1.Form1 Form1_Paint(object sen

```
using System.Drawing;
using System.Drawing.Drawing2D;
using System.Linq;
using System.Text;
using System.Windows.Forms;

namespace WindowsFormsApplication1
{
    public partial class Form1 : Form
    {
        int i = 1;
        public Form1()
        {
            InitializeComponent();
        }

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

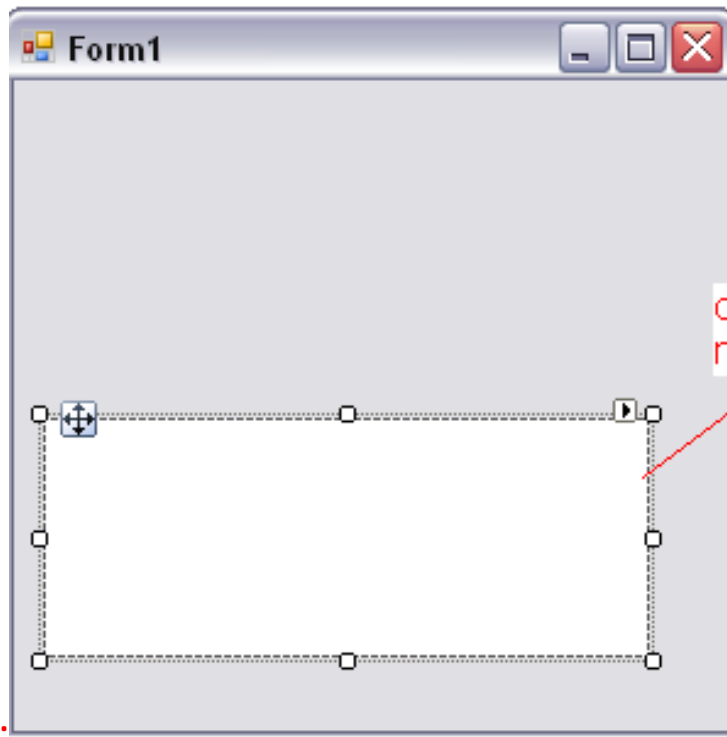
Pas2 :

Desenare 1- pagina 3 din 8

```
private void button1_Click(object sender, EventArgs e)
{
    Graphics g = panel1.CreateGraphics();
    Pen p = new Pen(Color.Red, 3);
    if (i == 1)
    {
        g.DrawLine(p, new Point(20, 30), new Point(280, 30));
        g.DrawArc(p, 50, 50, 200, 100, 0, 360);
        p.DashStyle = System.Drawing.Drawing2D.DashStyle.Dot;
        Rectangle r = new Rectangle(new Point(50, 50), new Size(200, 100));
        g.DrawRectangle(p, r);
        g.DrawEllipse(p, r);
        g.DrawArc(p, r, 0, 360);
        Point[] pct = { new Point(190, 90), new Point(140, 130), new Point(150, 200),
                        new Point(60, 100) };
        g.DrawPolygon(p, pct);
        p.Dispose();
        i++;
    }
    else
    {
        if (i == 2)
        {
            p.Color=Color.BlueViolet;
            g.DrawLine(p, new Point(50, 70), new Point(380, 70));
            g.DrawArc(p, 150, 150, 200, 100, 0, 360);
            p.DashStyle = System.Drawing.Drawing2D.DashStyle.Dot;
            Rectangle r = new Rectangle(new Point(50, 70), new Size(250, 150));
            g.DrawRectangle(p, r);
            g.DrawEllipse(p, r);
            g.DrawArc(p, r, 0, 360);
            Point[] pct = { new Point(290, 90), new Point(100, 130),
                            new Point(250, 200), new Point(160, 100) };
            g.DrawPolygon(p, pct);
            p.Dispose();
        }
    }
}
```

Pas3: }

Aplicatia 2



obiect panel,
name=panel1

Pasul 1 :

Avem un obiect **panel1**

La rularea aplicatiei se mai creeaza un obiect **button** cu proprietatea **name=b1** si un obiect **textbox** cu proprietatea **name=tb**. La evenimentul **click** pe obiectul **b1** se deschide o **caseta de dialog** pentru selectarea culorii, culoare ce este data ca valoare proprietatii **BackColor** a obiectului **tb**.

Pasul 2 : codul evenimentelor click

```

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;
using System.Drawing.Drawing2D;

namespace WindowsFormsApplication1
{
    public partial class Form1 : Form
    {
        Button b1 = new Button();
        TextBox tb = new TextBox();
        ColorDialog clg = new ColorDialog();
        Pen penline = new Pen(Color.Red, 5);
        Pen penellipse = new Pen(Color.Blue, 5);
        Pen penpie = new Pen(Color.Tomato, 3);
        Pen penpolygon = new Pen(Color.Maroon, 4);

        public Form1()...

        private void panell1_Paint(object sender, PaintEventArgs e)...

        private void Form1_Load(object sender, EventArgs e)...

        public void b1_click(object sender, EventArgs e)...

    }
}

```

Desenare 1- pagina 6 din 8

```
Button b1 = new Button();
TextBox tb = new TextBox();
ColorDialog clg = new ColorDialog();
Pen penline = new Pen(Color.Red, 5);
Pen penellipse = new Pen(Color.Blue, 5);
Pen penpie = new Pen(Color.Tomato, 3);
Pen penpolygon = new Pen(Color.Maroon, 4);

public Form1(){}

private void panel1_Paint(object sender, PaintEventArgs e)
{
    Graphics go = panel1.CreateGraphics();
    go.PageUnit = GraphicsUnit.Millimeter;
    Pen p = new Pen(Color.Blue, 5);
    p.DashStyle = DashStyle.DashDotDot;
    p.Width = 0.5f;
    go.DrawLine(p, 2, 2, 20, 20);
    Rectangle myRectangle = new Rectangle(2, 2, 15, 10);

    go.DrawRectangle(p, myRectangle);
    myRectangle.Inflate(1, -2);
    p.Color = Color.Black;
    p.Width = 0.7f;
    go.DrawRectangle(p, myRectangle);
    Font myFont = new System.Drawing.Font("Helvetica", 12, FontStyle.Italic);

    Brush myBrush = new SolidBrush(System.Drawing.Color.Red);

    go.DrawString("Hello C#", myFont, myBrush, 3, 3);
}
```

Desenare 1- pagina 7 din 8

```
public partial class Form1 : Form
{
    Button b1 = new Button();
    TextBox tb = new TextBox();
    ColorDialog clg = new ColorDialog();
    Pen penline = new Pen(Color.Red, 5);
    Pen penellipse = new Pen(Color.Blue, 5);
    Pen penpie = new Pen(Color.Tomato, 3);
    Pen penpolygon = new Pen(Color.Maroon, 4);

    public Form1(){}

    private void panel1_Paint(object sender, PaintEventArgs e){}

    private void Form1_Load(object sender, EventArgs e)
    {
        b1.Click += new EventHandler(b1_click);
        b1.Text = "OK";
        tb.Location = new Point(50, 50);
        this.Controls.Add(b1);
        this.Controls.Add(tb);
    }

    public void b1_click(object sender, EventArgs e){}
}
```

Desenare 1- pagina 8 din 8

```
public void b1_click(object sender, EventArgs e)
{
    Graphics g = this.CreateGraphics();
    clg.ShowDialog();
    tb.BackColor = clg.Color;
    penline.DashStyle = DashStyle.Dash;
    g.DrawLine(penline, 50, 50, 100, 200);
    penellipse.DashStyle = DashStyle.DashDotDot;
    g.DrawEllipse(penellipse, 15, 15, 50, 50);
    penpie.DashStyle = DashStyle.Dot;
    g.DrawPie(penpie, 90, 80, 140, 40, 120, 100);
    Point[] p = new Point[] { new Point(30, 140), new Point(270, 250), new Point(110, 240),
                              new Point(200, 170), new Point(70, 350), new Point(50, 200) };

    g.DrawPolygon(penpolygon, p);
    SolidBrush sb = new SolidBrush(Color.Pink);
    g.FillRectangle(sb, 5, 5, 100, 100);
    HatchStyle hs = HatchStyle.Cross;
    HatchBrush sb1 = new HatchBrush(hs, clg.Color, Color.Red);
    g.FillRectangle(sb1, 100, 100, 100, 100);
}
```