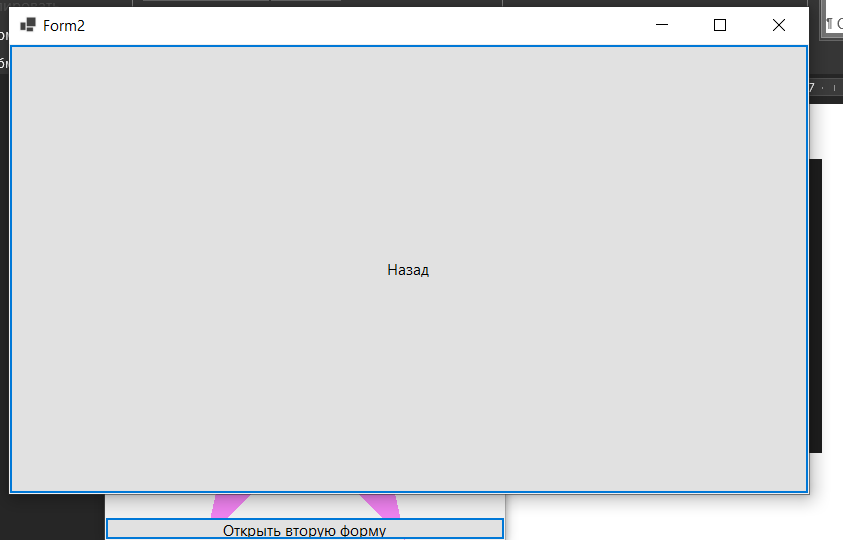
Практическая работа №1

Скрины:

1)



2)



Код:

1 форма

namespace WinFormsApp1

{

public partial class Form1 : Form

{

public Form1()

{

InitializeComponent();

this.FormBorderStyle = FormBorderStyle.None;

this.BackColor = Color.Fuchsia;

this.TransparencyKey = Color.Fuchsia;

this.ClientSize = new Size(400, 400);

this.Paint += new PaintEventHandler(StarForm\_Paint);

// Добавляем кнопку

Button btnOpenForm2 = new Button();

btnOpenForm2.Text = "Открыть Форму 2";

btnOpenForm2.Location = new Point(150, 320);

btnOpenForm2.Click += new EventHandler(btnOpenForm2\_Click);

this.Controls.Add(btnOpenForm2);

// Назначаем управление

this.MouseDown += new MouseEventHandler(Form1\_MouseDown);

this.MouseMove += new MouseEventHandler(Form1\_MouseMove);

this.MouseUp += new MouseEventHandler(Form1\_MouseUp);

}

private void btnOpenForm2\_Click(object sender, EventArgs e)

{

Form2 form2 = new Form2();

form2.Show();

}

private void StarForm\_Paint(object sender, PaintEventArgs e)

{

Graphics g = e.Graphics;

Brush brush = Brushes.Violet;

Point[] starPoints = new Point[]

{

new Point(200, 50), // Вершина 1

new Point(250, 150), // Вершина 2

new Point(350, 150), // Вершина 3

new Point(270, 220), // Вершина 4

new Point(300, 350), // Вершина 5

new Point(200, 280), // Вершина 6

new Point(100, 350), // Вершина 7

new Point(130, 220), // Вершина 8

new Point(50, 150), // Вершина 9

new Point(150, 150) // Вершина 10

};

g.FillPolygon(brush, starPoints);

}

private bool dragging = false;

private Point dragCursorPoint;

private Point dragFormPoint;

private void Form1\_MouseDown(object sender, MouseEventArgs e)

{

if (e.Button == MouseButtons.Left)

{

dragging = true;

dragCursorPoint = Cursor.Position;

dragFormPoint = this.Location;

}

}

private void Form1\_MouseMove(object sender, MouseEventArgs e)

{

if (dragging)

{

Point dif = Point.Subtract(Cursor.Position, new Size(dragCursorPoint));

this.Location = Point.Add(dragFormPoint, new Size(dif));

}

}

// Функция отпускания нажатия на форму

private void Form1\_MouseUp(object sender, MouseEventArgs e)

{

if (e.Button == MouseButtons.Left)

{

dragging = false;

}

}

}

2 форма:

namespace WinFormsApp1

{

public partial class Form2 : Form

{

public Form2()

{

InitializeComponent();

Button backButton = new Button

{

Text = "Назад",

Dock = DockStyle.Fill

};

backButton.Click += (s, e) => { this.Close(); };

this.Controls.Add(backButton);

}

}

}