Практическая работа №1

namespace WinForms

{

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);

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

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

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

}

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

{

Graphics g = e.Graphics;

Brush brush = Brushes.Violet;

Point[] starPoints = new Point[]

{

new Point(200, 50),

new Point(250, 150),

new Point(350, 150),

new Point(270, 220),

new Point(300, 350),

new Point(200, 280),

new Point(100, 350),

new Point(130, 220),

new Point(50, 150),

new Point(150, 150)

};

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));

}

}

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

{

if (e.Button == MouseButtons.Left)

{

if (e.Button == MouseButtons.Left)

{

dragging = false;

}

}

}

}

}

