**ПРИЛОЖЕНИЕ 5**

Практическая работа №6

Задание 2

2.1

namespace WindowsFormsApplication1

{

public partial class Form1 : Form

{

double[] Mas = new double[25];

public Form1()

{

InitializeComponent();

}

private void button1\_Click(object sender, EventArgs e)

{

Random rand = new Random();

textBox1.Text = "";

for (int i = 0; i < 25; i++)

{

Mas[i] = Math.Round(rand.NextDouble()\*50-20,3);

textBox1.Text += "Mas[" + Convert.ToString(i) + "] = "

+ Convert.ToString(Mas[i]) + Environment.NewLine;

}

}

private void button2\_Click(object sender, EventArgs e)

{

textBox2.Text = "";

double h = 0;

for (int i = 0; i < 25; i++)

{

{

if (Mas[i] < 0) h+= Mas[i];

if (Mas[i] > 1 && Mas[i] < 2) h += Mas[i];

else { Mas[i] = Mas[i]; }

textBox2.Text += "Mas[" + Convert.ToString(i) + "] = "

+ Convert.ToString(Mas[i]) + Environment.NewLine;

}

}

MessageBox.Show(Convert.ToString(h),"summa");

}

2.2

namespace Prackt\_2

{

public partial class Form1 : Form

{

public Form1()

{

InitializeComponent();

}

private void button1\_Click(object sender, EventArgs e)

{

dataGridView1.RowCount = 15;

dataGridView1.ColumnCount = 15;

int[,] a = new int[15, 15];

int[][] mass = new int[5][];

mass[0] = new int[1];

mass[1] = new int[2];

mass[2] = new int[3];

mass[3] = new int[4];

mass[4] = new int[5];

int i, j;

Random rand = new Random();

for (i = 0; i < 15; i++)

for (j = 0; j < 15; j++)

a[i, j] = rand.Next(-100, 100);

for (i = 0; i < 15; i++)

for (j = 0; j < 15; j++)

dataGridView1.Rows[i].Cells[j].Value = Convert.ToString(a[i, j]);

int min = 0;

textBox1.Text = "";

for (i = 0; i < 15; i++)

{

for (j = 0; j < 15; j++)

if (a[i, j] > min) min = a[i,j];

{

textBox1.Text = min.ToString();

}

}

}

private void Form1\_Load(object sender, EventArgs e)

{

}

}

}

2.3

namespace ConsoleApp1

{

class Program

{

public double fact(double i)

{

if (i == 0) return (i + 3);

else { i = i \* fact(i - 1); return (i); }

}

private static void Main(string[] args)

{

Console.WriteLine("Введите n: ");

double n = Convert.ToDouble(Console.ReadLine());

Console.WriteLine("n=" + n);

Program d = new Program();

Console.WriteLine("Формула: f({0})= (1) / ({0}+3)!", n);

Console.WriteLine("Результат:{0}", (d.fact(1) / d.fact(n + 3)));

Console.ReadKey();

}

}

}