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«Сибирский государственный университет телекоммуникаций и информатики»

Кафедра прикладной математики и кибернетики

Отчет по лабораторной работе

по дисциплине «Визуальное программирование»

Лабораторная работа № 1

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Оглавление

[1. Постановка задачи 3](#_Toc42193370)

[2. Описание работы 4](#_Toc42193371)

[3. Примеры работы программы 5](#_Toc42193372)

[*Приложение* Листинг 9](#_Toc42193374)

# Постановка задачи

Разработать приложение, выполняющее следующие действия:

• по нажатию на кнопку Start формируется двумерный массив A размером N x M с помощью генератора случайных чисел и отображается в окне формы.

• размеры массива А[N, M] задаются c помощью элементов textbox (допускается использование других элементов).

• по нажатию на кнопку Max: осуществляется поиск наибольшего элемента каждой строки матрицы А; из этих максимальных элементов составляется одномерный массив F, содержимое которого также отображается в окне формы.

• Реализовать Главное меню, в котором продублировать действия кнопок Start, Max, Size (ввод размеров массива А). Добавить в Меню пункт About, по нажатию на который появляется окно с Вашей фамилией и номером группы.

# Описание работы

Работа приложения соответствует описанию в методичке, за исключением именования и свойств некоторых элементов.

# Примеры работы программы

# 

# *Приложение* Листинг

**Program.cs**

using System;

using System.Collections.Generic;

using System.Linq;

using System.Threading.Tasks;

using System.Windows.Forms;

namespace laboratoryWork\_1

{

static class Program

{

/// <summary>

/// The main entry point for the application.

/// </summary>

[STAThread]

static void Main()

{

Application.EnableVisualStyles();

Application.SetCompatibleTextRenderingDefault(false);

Application.Run(new FormMain());

}

}

}

**FormMain.cs**

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 laboratoryWork\_1

{

public partial class FormMain : Form

{

public FormMain()

{

InitializeComponent();

}

public void setN(Int16 n)

{

numericUpDownN.Value = n;

}

public void setM(Int16 m)

{

numericUpDownM.Value = m;

}

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

{

Int16 n = Convert.ToInt16(numericUpDownN.Value);

Int16 m = Convert.ToInt16(numericUpDownM.Value);

if (n == 0 || m == 0)

{

MessageBox.Show("Поля n и m не могут быть нулевыми", "Ошибка!", MessageBoxButtons.OK, MessageBoxIcon.Error);

}

else

{

Random random = new Random();

dataGridViewMatrix.RowCount = n;

dataGridViewMatrix.ColumnCount = m + 1;

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

{

dataGridViewMatrix.Rows[i].Cells[0].Value = i + 1;

dataGridViewMatrix.Rows[i].Cells[0].Style.BackColor = Color.MediumAquamarine;

for (int j = 1; j < m + 1; ++j)

{

dataGridViewMatrix.Rows[i].Cells[j].Value = random.Next(01000, 2000);

}

}

startToolStripMenuItem.Text = "Regenerate";

startButton.Text = "Regenerate";

maxToolStripMenuItem.Enabled = true;

maxButton.Enabled = true;

dataGridViewRes.Rows.Clear();

}

}

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

{

Int16 n = Convert.ToInt16(dataGridViewMatrix.RowCount);

Int16 m = Convert.ToInt16(dataGridViewMatrix.ColumnCount);

dataGridViewRes.RowCount = n;

dataGridViewRes.ColumnCount = 2;

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

{

int tmp = Convert.ToInt16(dataGridViewMatrix.Rows[i].Cells[1].Value);

for (int j = 2; j < m; ++j)

{

if (tmp < Convert.ToInt16(dataGridViewMatrix.Rows[i].Cells[j].Value))

tmp = Convert.ToInt16(dataGridViewMatrix.Rows[i].Cells[j].Value);

}

dataGridViewRes.Rows[i].Cells[0].Value = i + 1;

dataGridViewRes.Rows[i].Cells[0].Style.BackColor = Color.MediumAquamarine;

dataGridViewRes.Rows[i].Cells[1].Value = tmp;

}

maxToolStripMenuItem.Enabled = false;

maxButton.Enabled = false;

}

private void dataGridViewMatrix\_SelectionChanged(object sender, EventArgs e)

{

dataGridViewMatrix.ClearSelection();

}

private void dataGridViewRes\_SelectionChanged(object sender, EventArgs e)

{

dataGridViewRes.ClearSelection();

}

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

{

startButton\_Click(sender,e);

}

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

{

maxButton\_Click(sender,e);

}

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

{

MessageBox.Show("ФИО:\t\tМироненко К.А.\nГруппа:\t\tИП-811\n\nВизуальное программирование 2019-2020 уч. год", "About", MessageBoxButtons.OK, MessageBoxIcon.Information);

}

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

{

FormSize formSize = new FormSize(Convert.ToInt16(numericUpDownN.Value), Convert.ToInt16(numericUpDownM.Value));

formSize.Owner = this;

formSize.ShowDialog();

}

}

}

**FormMain.Designer.cs**

namespace laboratoryWork\_1

{

partial class FormMain

{

/// <summary>

/// Required designer variable.

/// </summary>

private System.ComponentModel.IContainer components = null;

/// <summary>

/// Clean up any resources being used.

/// </summary>

/// <param name="disposing">true if managed resources should be disposed; otherwise, false.</param>

protected override void Dispose(bool disposing)

{

if (disposing && (components != null))

{

components.Dispose();

}

base.Dispose(disposing);

}

#region Windows Form Designer generated code

/// <summary>

/// Required method for Designer support - do not modify

/// the contents of this method with the code editor.

/// </summary>

private void InitializeComponent()

{

System.Windows.Forms.DataGridViewCellStyle dataGridViewCellStyle1 =

new System.Windows.Forms.DataGridViewCellStyle();

System.Windows.Forms.DataGridViewCellStyle dataGridViewCellStyle2 =

new System.Windows.Forms.DataGridViewCellStyle();

this.startButton = new System.Windows.Forms.Button();

this.maxButton = new System.Windows.Forms.Button();

this.numericUpDownN = new System.Windows.Forms.NumericUpDown();

this.numericUpDownM = new System.Windows.Forms.NumericUpDown();

this.label1 = new System.Windows.Forms.Label();

this.label2 = new System.Windows.Forms.Label();

this.dataGridViewMatrix = new System.Windows.Forms.DataGridView();

this.dataGridViewRes = new System.Windows.Forms.DataGridView();

this.label3 = new System.Windows.Forms.Label();

this.label4 = new System.Windows.Forms.Label();

this.menuStrip1 = new System.Windows.Forms.MenuStrip();

this.startToolStripMenuItem = new System.Windows.Forms.ToolStripMenuItem();

this.maxToolStripMenuItem = new System.Windows.Forms.ToolStripMenuItem();

this.sizeToolStripMenuItem = new System.Windows.Forms.ToolStripMenuItem();

this.aboutToolStripMenuItem = new System.Windows.Forms.ToolStripMenuItem();

this.panel1 = new System.Windows.Forms.Panel();

this.panel2 = new System.Windows.Forms.Panel();

((System.ComponentModel.ISupportInitialize) (this.numericUpDownN)).BeginInit();

((System.ComponentModel.ISupportInitialize) (this.numericUpDownM)).BeginInit();

((System.ComponentModel.ISupportInitialize) (this.dataGridViewMatrix)).BeginInit();

((System.ComponentModel.ISupportInitialize) (this.dataGridViewRes)).BeginInit();

this.menuStrip1.SuspendLayout();

this.panel2.SuspendLayout();

this.SuspendLayout();

//

// startButton

//

this.startButton.Cursor = System.Windows.Forms.Cursors.Hand;

this.startButton.Location = new System.Drawing.Point(490, 27);

this.startButton.Name = "startButton";

this.startButton.Size = new System.Drawing.Size(85, 28);

this.startButton.TabIndex = 0;

this.startButton.Text = "Start";

this.startButton.UseVisualStyleBackColor = true;

this.startButton.Click += new System.EventHandler(this.startButton\_Click);

//

// maxButton

//

this.maxButton.Cursor = System.Windows.Forms.Cursors.Hand;

this.maxButton.Enabled = false;

this.maxButton.Location = new System.Drawing.Point(490, 57);

this.maxButton.Name = "maxButton";

this.maxButton.Size = new System.Drawing.Size(85, 28);

this.maxButton.TabIndex = 3;

this.maxButton.Text = "Max";

this.maxButton.UseVisualStyleBackColor = true;

this.maxButton.Click += new System.EventHandler(this.maxButton\_Click);

//

// numericUpDownN

//

this.numericUpDownN.Location = new System.Drawing.Point(185, 43);

this.numericUpDownN.Name = "numericUpDownN";

this.numericUpDownN.Size = new System.Drawing.Size(120, 23);

this.numericUpDownN.TabIndex = 4;

this.numericUpDownN.Value = new decimal(new int[] {12, 0, 0, 0});

//

// numericUpDownM

//

this.numericUpDownM.Location = new System.Drawing.Point(350, 43);

this.numericUpDownM.Name = "numericUpDownM";

this.numericUpDownM.Size = new System.Drawing.Size(120, 23);

this.numericUpDownM.TabIndex = 5;

this.numericUpDownM.Value = new decimal(new int[] {12, 0, 0, 0});

//

// label1

//

this.label1.Location = new System.Drawing.Point(154, 43);

this.label1.Name = "label1";

this.label1.Size = new System.Drawing.Size(24, 23);

this.label1.TabIndex = 6;

this.label1.Text = "N:";

this.label1.TextAlign = System.Drawing.ContentAlignment.MiddleCenter;

//

// label2

//

this.label2.Location = new System.Drawing.Point(318, 43);

this.label2.Name = "label2";

this.label2.Size = new System.Drawing.Size(24, 23);

this.label2.TabIndex = 7;

this.label2.Text = "M:";

this.label2.TextAlign = System.Drawing.ContentAlignment.MiddleCenter;

//

// dataGridViewMatrix

//

this.dataGridViewMatrix.AllowUserToAddRows = false;

this.dataGridViewMatrix.AllowUserToDeleteRows = false;

this.dataGridViewMatrix.AllowUserToResizeColumns = false;

this.dataGridViewMatrix.AllowUserToResizeRows = false;

this.dataGridViewMatrix.AutoSizeColumnsMode = System.Windows.Forms.DataGridViewAutoSizeColumnsMode.AllCells;

this.dataGridViewMatrix.AutoSizeRowsMode = System.Windows.Forms.DataGridViewAutoSizeRowsMode.AllCells;

this.dataGridViewMatrix.BackgroundColor = System.Drawing.Color.Moccasin;

this.dataGridViewMatrix.BorderStyle = System.Windows.Forms.BorderStyle.None;

this.dataGridViewMatrix.ClipboardCopyMode = System.Windows.Forms.DataGridViewClipboardCopyMode.Disable;

this.dataGridViewMatrix.ColumnHeadersHeightSizeMode =

System.Windows.Forms.DataGridViewColumnHeadersHeightSizeMode.AutoSize;

this.dataGridViewMatrix.ColumnHeadersVisible = false;

dataGridViewCellStyle1.Alignment = System.Windows.Forms.DataGridViewContentAlignment.MiddleLeft;

dataGridViewCellStyle1.BackColor = System.Drawing.SystemColors.Window;

dataGridViewCellStyle1.Font = new System.Drawing.Font("Segoe UI", 9F);

dataGridViewCellStyle1.ForeColor = System.Drawing.Color.FromArgb(((int) (((byte) (0)))),

((int) (((byte) (0)))), ((int) (((byte) (0)))));

dataGridViewCellStyle1.Format = "N0";

dataGridViewCellStyle1.NullValue = null;

dataGridViewCellStyle1.Padding = new System.Windows.Forms.Padding(3);

dataGridViewCellStyle1.SelectionBackColor = System.Drawing.SystemColors.Window;

dataGridViewCellStyle1.SelectionForeColor = System.Drawing.Color.Black;

dataGridViewCellStyle1.WrapMode = System.Windows.Forms.DataGridViewTriState.False;

this.dataGridViewMatrix.DefaultCellStyle = dataGridViewCellStyle1;

this.dataGridViewMatrix.ImeMode = System.Windows.Forms.ImeMode.Off;

this.dataGridViewMatrix.Location = new System.Drawing.Point(71, 132);

this.dataGridViewMatrix.MultiSelect = false;

this.dataGridViewMatrix.Name = "dataGridViewMatrix";

this.dataGridViewMatrix.ReadOnly = true;

this.dataGridViewMatrix.RowHeadersVisible = false;

this.dataGridViewMatrix.RowHeadersWidthSizeMode =

System.Windows.Forms.DataGridViewRowHeadersWidthSizeMode.DisableResizing;

this.dataGridViewMatrix.SelectionMode = System.Windows.Forms.DataGridViewSelectionMode.CellSelect;

this.dataGridViewMatrix.ShowCellErrors = false;

this.dataGridViewMatrix.ShowCellToolTips = false;

this.dataGridViewMatrix.ShowEditingIcon = false;

this.dataGridViewMatrix.ShowRowErrors = false;

this.dataGridViewMatrix.Size = new System.Drawing.Size(531, 362);

this.dataGridViewMatrix.TabIndex = 8;

this.dataGridViewMatrix.TabStop = false;

this.dataGridViewMatrix.SelectionChanged +=

new System.EventHandler(this.dataGridViewMatrix\_SelectionChanged);

//

// dataGridViewRes

//

this.dataGridViewRes.AllowUserToAddRows = false;

this.dataGridViewRes.AllowUserToDeleteRows = false;

this.dataGridViewRes.AllowUserToResizeColumns = false;

this.dataGridViewRes.AllowUserToResizeRows = false;

this.dataGridViewRes.AutoSizeColumnsMode = System.Windows.Forms.DataGridViewAutoSizeColumnsMode.AllCells;

this.dataGridViewRes.AutoSizeRowsMode = System.Windows.Forms.DataGridViewAutoSizeRowsMode.AllCells;

this.dataGridViewRes.BackgroundColor = System.Drawing.Color.Moccasin;

this.dataGridViewRes.BorderStyle = System.Windows.Forms.BorderStyle.None;

this.dataGridViewRes.ClipboardCopyMode = System.Windows.Forms.DataGridViewClipboardCopyMode.Disable;

this.dataGridViewRes.ColumnHeadersHeightSizeMode =

System.Windows.Forms.DataGridViewColumnHeadersHeightSizeMode.AutoSize;

this.dataGridViewRes.ColumnHeadersVisible = false;

dataGridViewCellStyle2.Alignment = System.Windows.Forms.DataGridViewContentAlignment.MiddleLeft;

dataGridViewCellStyle2.BackColor = System.Drawing.SystemColors.Window;

dataGridViewCellStyle2.Font = new System.Drawing.Font("Segoe UI", 9F);

dataGridViewCellStyle2.ForeColor = System.Drawing.Color.FromArgb(((int) (((byte) (0)))),

((int) (((byte) (0)))), ((int) (((byte) (0)))));

dataGridViewCellStyle2.Format = "N0";

dataGridViewCellStyle2.NullValue = null;

dataGridViewCellStyle2.Padding = new System.Windows.Forms.Padding(3);

dataGridViewCellStyle2.SelectionBackColor = System.Drawing.SystemColors.Window;

dataGridViewCellStyle2.SelectionForeColor = System.Drawing.Color.Black;

dataGridViewCellStyle2.WrapMode = System.Windows.Forms.DataGridViewTriState.False;

this.dataGridViewRes.DefaultCellStyle = dataGridViewCellStyle2;

this.dataGridViewRes.ImeMode = System.Windows.Forms.ImeMode.Off;

this.dataGridViewRes.Location = new System.Drawing.Point(15, 15);

this.dataGridViewRes.MultiSelect = false;

this.dataGridViewRes.Name = "dataGridViewRes";

this.dataGridViewRes.ReadOnly = true;

this.dataGridViewRes.RowHeadersVisible = false;

this.dataGridViewRes.RowHeadersWidthSizeMode =

System.Windows.Forms.DataGridViewRowHeadersWidthSizeMode.DisableResizing;

this.dataGridViewRes.SelectionMode = System.Windows.Forms.DataGridViewSelectionMode.CellSelect;

this.dataGridViewRes.ShowCellErrors = false;

this.dataGridViewRes.ShowCellToolTips = false;

this.dataGridViewRes.ShowEditingIcon = false;

this.dataGridViewRes.ShowRowErrors = false;

this.dataGridViewRes.Size = new System.Drawing.Size(192, 362);

this.dataGridViewRes.TabIndex = 9;

this.dataGridViewRes.TabStop = false;

this.dataGridViewRes.SelectionChanged += new System.EventHandler(this.dataGridViewRes\_SelectionChanged);

//

// label3

//

this.label3.Location = new System.Drawing.Point(56, 91);

this.label3.Name = "label3";

this.label3.Size = new System.Drawing.Size(153, 23);

this.label3.TabIndex = 10;

this.label3.Text = "Исходная матрица:";

//

// label4

//

this.label4.Location = new System.Drawing.Point(673, 91);

this.label4.Name = "label4";

this.label4.Size = new System.Drawing.Size(223, 23);

this.label4.TabIndex = 11;

this.label4.Text = "Массив наибольших чисел в строке: ";

//

// menuStrip1

//

this.menuStrip1.Items.AddRange(new System.Windows.Forms.ToolStripItem[]

{

this.startToolStripMenuItem, this.maxToolStripMenuItem, this.sizeToolStripMenuItem,

this.aboutToolStripMenuItem

});

this.menuStrip1.Location = new System.Drawing.Point(0, 0);

this.menuStrip1.Name = "menuStrip1";

this.menuStrip1.Size = new System.Drawing.Size(934, 24);

this.menuStrip1.TabIndex = 12;

this.menuStrip1.Text = "menuStrip1";

//

// startToolStripMenuItem

//

this.startToolStripMenuItem.Name = "startToolStripMenuItem";

this.startToolStripMenuItem.Size = new System.Drawing.Size(43, 20);

this.startToolStripMenuItem.Text = "Start";

this.startToolStripMenuItem.Click += new System.EventHandler(this.startToolStripMenuItem\_Click);

//

// maxToolStripMenuItem

//

this.maxToolStripMenuItem.Enabled = false;

this.maxToolStripMenuItem.Name = "maxToolStripMenuItem";

this.maxToolStripMenuItem.Size = new System.Drawing.Size(41, 20);

this.maxToolStripMenuItem.Text = "Max";

this.maxToolStripMenuItem.Click += new System.EventHandler(this.maxToolStripMenuItem\_Click);

//

// sizeToolStripMenuItem

//

this.sizeToolStripMenuItem.Name = "sizeToolStripMenuItem";

this.sizeToolStripMenuItem.Size = new System.Drawing.Size(39, 20);

this.sizeToolStripMenuItem.Text = "Size";

this.sizeToolStripMenuItem.Click += new System.EventHandler(this.sizeToolStripMenuItem\_Click);

//

// aboutToolStripMenuItem

//

this.aboutToolStripMenuItem.Name = "aboutToolStripMenuItem";

this.aboutToolStripMenuItem.Size = new System.Drawing.Size(52, 20);

this.aboutToolStripMenuItem.Text = "About";

this.aboutToolStripMenuItem.Click += new System.EventHandler(this.aboutToolStripMenuItem\_Click);

//

// panel1

//

this.panel1.AutoSize = true;

this.panel1.BackColor = System.Drawing.Color.Moccasin;

this.panel1.Location = new System.Drawing.Point(56, 117);

this.panel1.Name = "panel1";

this.panel1.Size = new System.Drawing.Size(562, 393);

this.panel1.TabIndex = 13;

//

// panel2

//

this.panel2.AutoSize = true;

this.panel2.BackColor = System.Drawing.Color.Moccasin;

this.panel2.Controls.Add(this.dataGridViewRes);

this.panel2.Location = new System.Drawing.Point(673, 117);

this.panel2.Name = "panel2";

this.panel2.Size = new System.Drawing.Size(223, 393);

this.panel2.TabIndex = 14;

//

// Form1

//

this.AutoScaleMode = System.Windows.Forms.AutoScaleMode.None;

this.BackColor = System.Drawing.Color.PapayaWhip;

this.BackgroundImageLayout = System.Windows.Forms.ImageLayout.None;

this.ClientSize = new System.Drawing.Size(934, 522);

this.Controls.Add(this.panel2);

this.Controls.Add(this.label4);

this.Controls.Add(this.label3);

this.Controls.Add(this.dataGridViewMatrix);

this.Controls.Add(this.label2);

this.Controls.Add(this.label1);

this.Controls.Add(this.numericUpDownM);

this.Controls.Add(this.numericUpDownN);

this.Controls.Add(this.maxButton);

this.Controls.Add(this.startButton);

this.Controls.Add(this.menuStrip1);

this.Controls.Add(this.panel1);

this.MainMenuStrip = this.menuStrip1;

this.MaximizeBox = false;

this.MaximumSize = new System.Drawing.Size(950, 561);

this.MinimumSize = new System.Drawing.Size(950, 561);

this.Name = "FormMain";

this.StartPosition = System.Windows.Forms.FormStartPosition.CenterScreen;

this.Text = "Лабораторная работа #1";

((System.ComponentModel.ISupportInitialize) (this.numericUpDownN)).EndInit();

((System.ComponentModel.ISupportInitialize) (this.numericUpDownM)).EndInit();

((System.ComponentModel.ISupportInitialize) (this.dataGridViewMatrix)).EndInit();

((System.ComponentModel.ISupportInitialize) (this.dataGridViewRes)).EndInit();

this.menuStrip1.ResumeLayout(false);

this.menuStrip1.PerformLayout();

this.panel2.ResumeLayout(false);

this.ResumeLayout(false);

this.PerformLayout();

}

#endregion

private System.Windows.Forms.Button startButton;

private System.Windows.Forms.Button maxButton;

private System.Windows.Forms.NumericUpDown numericUpDownM;

private System.Windows.Forms.NumericUpDown numericUpDownN;

private System.Windows.Forms.Label label2;

private System.Windows.Forms.Label label1;

private System.Windows.Forms.DataGridView dataGridViewMatrix;

private System.Windows.Forms.Label label4;

private System.Windows.Forms.Label label3;

private System.Windows.Forms.DataGridView dataGridViewRes;

private System.Windows.Forms.MenuStrip menuStrip1;

private System.Windows.Forms.ToolStripMenuItem aboutToolStripMenuItem;

private System.Windows.Forms.ToolStripMenuItem sizeToolStripMenuItem;

private System.Windows.Forms.ToolStripMenuItem maxToolStripMenuItem;

private System.Windows.Forms.ToolStripMenuItem startToolStripMenuItem;

private System.Windows.Forms.Panel panel1;

private System.Windows.Forms.Panel panel2;

}

}

**FormSize.cs**

using System;

using System.Windows.Forms;

namespace laboratoryWork\_1

{

public partial class FormSize : Form

{

public FormSize(Int16 n, Int16 m)

{

InitializeComponent();

numericUpDownN.Value = n;

numericUpDownM.Value = m;

}

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

{

Close();

}

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

{

FormMain mainForm = this.Owner as FormMain;

if (mainForm != null)

{

mainForm.setN(Convert.ToInt16(numericUpDownN.Value));

mainForm.setM(Convert.ToInt16(numericUpDownM.Value));

}

Close();

}

}

}

**FormSize.Designer.cs**

using System.ComponentModel;

namespace laboratoryWork\_1

{

partial class FormSize

{

/// <summary>

/// Required designer variable.

/// </summary>

private IContainer components = null;

/// <summary>

/// Clean up any resources being used.

/// </summary>

/// <param name="disposing">true if managed resources should be disposed; otherwise, false.</param>

protected override void Dispose(bool disposing)

{

if (disposing && (components != null))

{

components.Dispose();

}

base.Dispose(disposing);

}

#region Windows Form Designer generated code

/// <summary>

/// Required method for Designer support - do not modify

/// the contents of this method with the code editor.

/// </summary>

private void InitializeComponent()

{

this.label2 = new System.Windows.Forms.Label();

this.label1 = new System.Windows.Forms.Label();

this.numericUpDownM = new System.Windows.Forms.NumericUpDown();

this.numericUpDownN = new System.Windows.Forms.NumericUpDown();

this.buttonSave = new System.Windows.Forms.Button();

this.buttonCancel = new System.Windows.Forms.Button();

((System.ComponentModel.ISupportInitialize) (this.numericUpDownM)).BeginInit();

((System.ComponentModel.ISupportInitialize) (this.numericUpDownN)).BeginInit();

this.SuspendLayout();

//

// label2

//

this.label2.Location = new System.Drawing.Point(216, 27);

this.label2.Name = "label2";

this.label2.Size = new System.Drawing.Size(24, 23);

this.label2.TabIndex = 11;

this.label2.Text = "M:";

this.label2.TextAlign = System.Drawing.ContentAlignment.MiddleCenter;

//

// label1

//

this.label1.Location = new System.Drawing.Point(52, 27);

this.label1.Name = "label1";

this.label1.Size = new System.Drawing.Size(24, 23);

this.label1.TabIndex = 10;

this.label1.Text = "N:";

this.label1.TextAlign = System.Drawing.ContentAlignment.MiddleCenter;

//

// numericUpDownM

//

this.numericUpDownM.Location = new System.Drawing.Point(248, 27);

this.numericUpDownM.Name = "numericUpDownM";

this.numericUpDownM.Size = new System.Drawing.Size(120, 23);

this.numericUpDownM.TabIndex = 9;

this.numericUpDownM.Value = new decimal(new int[] {12, 0, 0, 0});

//

// numericUpDownN

//

this.numericUpDownN.Location = new System.Drawing.Point(83, 27);

this.numericUpDownN.Name = "numericUpDownN";

this.numericUpDownN.Size = new System.Drawing.Size(120, 23);

this.numericUpDownN.TabIndex = 8;

this.numericUpDownN.Value = new decimal(new int[] {12, 0, 0, 0});

//

// buttonSave

//

this.buttonSave.BackColor = System.Drawing.Color.SpringGreen;

this.buttonSave.Location = new System.Drawing.Point(65, 118);

this.buttonSave.Name = "buttonSave";

this.buttonSave.Size = new System.Drawing.Size(119, 35);

this.buttonSave.TabIndex = 12;

this.buttonSave.Text = "Save";

this.buttonSave.UseVisualStyleBackColor = false;

this.buttonSave.Click += new System.EventHandler(this.buttonSave\_Click);

//

// buttonCancel

//

this.buttonCancel.BackColor = System.Drawing.Color.Red;

this.buttonCancel.Location = new System.Drawing.Point(239, 118);

this.buttonCancel.Name = "buttonCancel";

this.buttonCancel.Size = new System.Drawing.Size(119, 35);

this.buttonCancel.TabIndex = 13;

this.buttonCancel.Text = "Cancel";

this.buttonCancel.UseVisualStyleBackColor = false;

this.buttonCancel.Click += new System.EventHandler(this.buttonCancel\_Click);

//

// FormSize

//

this.AutoScaleMode = System.Windows.Forms.AutoScaleMode.None;

this.BackColor = System.Drawing.Color.BlanchedAlmond;

this.ClientSize = new System.Drawing.Size(428, 165);

this.Controls.Add(this.buttonCancel);

this.Controls.Add(this.buttonSave);

this.Controls.Add(this.label2);

this.Controls.Add(this.label1);

this.Controls.Add(this.numericUpDownM);

this.Controls.Add(this.numericUpDownN);

this.MaximizeBox = false;

this.MaximumSize = new System.Drawing.Size(444, 204);

this.MinimumSize = new System.Drawing.Size(444, 204);

this.Name = "FormSize";

this.StartPosition = System.Windows.Forms.FormStartPosition.CenterScreen;

this.Text = "Размер матрицы";

((System.ComponentModel.ISupportInitialize) (this.numericUpDownM)).EndInit();

((System.ComponentModel.ISupportInitialize) (this.numericUpDownN)).EndInit();

this.ResumeLayout(false);

}

#endregion

private System.Windows.Forms.NumericUpDown numericUpDownN;

private System.Windows.Forms.NumericUpDown numericUpDownM;

private System.Windows.Forms.Label label1;

private System.Windows.Forms.Label label2;

private System.Windows.Forms.Button buttonCancel;

private System.Windows.Forms.Button buttonSave;

}

}