Учреждение образования

«Гродненский государственный политехнический колледж»

**ОТЧЁТ  
ПО УЧЕБНОЙ ПРАКТИКЕ ПО ПРОГРАММИРОВАНИЮ**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Учащегося |  | 3 | | | | |  | курса, группы |  | ПЗТ-40 |
| специальности | | |  | 2 - 40 01 01 «Программное обеспечение информационных | | | | | | |
|  | | |  | технологий» | | | | | | |
| Место прохождения практики | | | | |  | УО «Гродненский государственный | | | | |
|  | | | | |  | политехнический колледж» | | | | |

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| --- | --- | --- | --- | --- |
| Тема проекта: |  | «Разработка программного обеспечения «AutoGuide» | | |
|  |  |  | | |
| Ссылка на проект: | | |  |  |
|  | | |  |  |

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| --- | --- | --- | --- | --- |
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Приложение A  
Листинг программы

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;

using System.Runtime.InteropServices;

using System.Drawing.Imaging;

using System.Drawing.Drawing2D;

namespace КП

{

public partial class Form1 : Form

{

private void MakeButtonRound(Button btn, int radius)

{

GraphicsPath path = new GraphicsPath();

path.AddArc(0, 0, radius, radius, 180, 90);

path.AddArc(btn.Width - radius, 0, radius, radius, 270, 90);

path.AddArc(btn.Width - radius, btn.Height - radius, radius, radius, 0, 90);

path.AddArc(0, btn.Height - radius, radius, radius, 90, 90);

path.CloseFigure();

btn.Region = new Region(path);

}

private void SetImageOpacity(PictureBox pictureBox, float opacity)

{

if (pictureBox.Image == null) return;

// Создаем временный Bitmap для работы с прозрачностью

Bitmap bmp = new Bitmap(pictureBox.Image.Width, pictureBox.Image.Height);

using (Graphics g = Graphics.FromImage(bmp))

{

// Создаем матрицу для изменения прозрачности

ColorMatrix matrix = new ColorMatrix();

matrix.Matrix33 = opacity; // Устанавливаем уровень прозрачности (0.0 - 1.0)

// Применяем матрицу к изображению

ImageAttributes attributes = new ImageAttributes();

attributes.SetColorMatrix(matrix, ColorMatrixFlag.Default, ColorAdjustType.Bitmap);

// Рисуем изображение с новой прозрачностью

g.DrawImage(

pictureBox.Image,

new Rectangle(0, 0, bmp.Width, bmp.Height),

0, 0, bmp.Width, bmp.Height,

GraphicsUnit.Pixel,

attributes);

}

// Обновляем изображение в PictureBox

pictureBox.Image = bmp;

}

public Form1()

{

InitializeComponent();

this.Text = "AutoGuide Pro";

this.StartPosition = FormStartPosition.CenterScreen;

this.WindowState = FormWindowState.Normal;

//this.DoubleBuffered = true;

}

private void InitializeNavigationPanel()

{

var navPanel = new Panel

{

Dock = DockStyle.Top,

Height = 60,

BackColor = Color.FromArgb(20, 20, 25)

};

// Логотип

this.Controls.Add(navPanel);

}

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

{

}

private void pictureBox1\_Click(object sender, EventArgs e)

{

}

private void pictureBox1\_MouseEnter(object sender, EventArgs e)

{

// Увеличиваем на 10% при наведении

pictureBox1.Size = new Size(

(int)(pictureBox1.Width \* 1.1),

(int)(pictureBox1.Height \* 1.1)

);

pictureBox1.Top -= (int)(pictureBox1.Height \* 0.05); // Центрируем

pictureBox1.Left -= (int)(pictureBox1.Width \* 0.05);

}

private void pictureBox1\_MouseLeave(object sender, EventArgs e)

{

// Возвращаем исходный размер

pictureBox1.Size = new Size(

(int)(pictureBox1.Width / 1.1),

(int)(pictureBox1.Height / 1.1)

);

pictureBox1.Top += (int)(pictureBox1.Height \* 0.05);

pictureBox1.Left += (int)(pictureBox1.Width \* 0.05);

}

private void label1\_Click(object sender, EventArgs e)

{

}

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

{

}

private void guna2Button1\_Click(object sender, EventArgs e)

{

Form2 secondaryform = new Form2();

this.Hide();

secondaryform.Show();

}

private void guna2Button2\_Click(object sender, EventArgs e)

{

Form3 form3 = new Form3();

this.Hide();

form3.Show();

}

private void guna2Button3\_Click(object sender, EventArgs e)

{

Form6 form6 = new Form6(this);

this.Hide();

form6.Show();

}

private void guna2ControlBox1\_Click(object sender, EventArgs e)

{

Close();

}

}

}

using Guna.UI2.WinForms;

using System;

using System.Collections.Generic;

using System.ComponentModel;

using System.Data;

using System.Drawing;

using System.IO;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

using System.Windows.Forms;

namespace КП

{

public partial class Form2 : Form

{

public Form2()

{

InitializeComponent();

this.StartPosition = FormStartPosition.CenterScreen;

}

private void Form2\_Load(object sender, EventArgs e)

{

}

private void guna2TextBox1\_TextChanged(object sender, EventArgs e)

{

}

private void guna2CustomRadioButton1\_CheckedChanged(object sender, EventArgs e)

{

guna2PictureBox2.BringToFront();

}

private void guna2TextBox2\_TextChanged(object sender, EventArgs e)

{

}

private void guna2CustomRadioButton2\_CheckedChanged(object sender, EventArgs e)

{

guna2PictureBox3.BringToFront();

}

private void guna2HtmlLabel1\_Click(object sender, EventArgs e)

{

}

private void guna2HtmlLabel3\_Click(object sender, EventArgs e)

{

}

private void guna2CustomRadioButton3\_CheckedChanged(object sender, EventArgs e)

{

guna2PictureBox4.BringToFront();

}

private void guna2HtmlLabel4\_Click(object sender, EventArgs e)

{

}

private void guna2CustomRadioButton4\_CheckedChanged(object sender, EventArgs e)

{

guna2PictureBox5.BringToFront();

}

private void guna2HtmlLabel5\_Click(object sender, EventArgs e)

{

}

private void guna2CustomRadioButton5\_CheckedChanged(object sender, EventArgs e)

{

guna2PictureBox6.BringToFront();

}

private void guna2CustomRadioButton6\_CheckedChanged(object sender, EventArgs e)

{

guna2PictureBox7.BringToFront();

}

private void fontDialog1\_Apply(object sender, EventArgs e)

{

}

private void guna2GradientButton2\_Click(object sender, EventArgs e)

{

Form1 mainform = new Form1();

this.Close();

mainform.Show();

}

public event Action<string> UrlRequested;

private void guna2GradientButton1\_Click(object sender, EventArgs e)

{

if (guna2CustomRadioButton1.Checked==false && guna2CustomRadioButton2.Checked == false && guna2CustomRadioButton3.Checked == false && guna2CustomRadioButton4.Checked == false && guna2CustomRadioButton5.Checked == false && guna2CustomRadioButton6.Checked == false)

{ MessageBox.Show("Пожалуйста, выберите одну из систем автомобиля."); }

if (guna2CustomRadioButton1.Checked == true)

{

DataBank.PathFile = Path.Combine(Application.StartupPath, "Системы\\Кузов.html");

}

if (guna2CustomRadioButton2.Checked == true)

{

DataBank.PathFile = Path.Combine(Application.StartupPath, "Системы\\Двигатель.html");

}

if (guna2CustomRadioButton3.Checked == true)

{

DataBank.PathFile = Path.Combine(Application.StartupPath, "Системы\\Трансмиссия.html");

}

if (guna2CustomRadioButton4.Checked == true)

{

DataBank.PathFile = Path.Combine(Application.StartupPath, "Системы\\Ходовая.html");

}

if (guna2CustomRadioButton5.Checked == true)

{

DataBank.PathFile = Path.Combine(Application.StartupPath, "Системы\\Управление.html");

}

if (guna2CustomRadioButton6.Checked == true)

{

DataBank.PathFile = Path.Combine(Application.StartupPath, "Системы\\Электро.html");

}

Form4 form4 = new Form4();

this.Close();

form4.Show();

}

private void guna2HtmlLabel2\_Click(object sender, EventArgs e)

{

}

private void label3\_Click(object sender, EventArgs e)

{

}

private void label5\_Click(object sender, EventArgs e)

{

}

private void guna2PictureBox1\_Click(object sender, EventArgs e)

{

}

}

}

using System;

using System.Collections.Generic;

using System.ComponentModel;

using System.Data;

using System.Drawing;

using System.IO;

using System.Linq;

using System.Security.AccessControl;

using System.Text;

using System.Threading.Tasks;

using System.Windows.Forms;

namespace КП

{

public partial class Form3 : Form

{

public Form3()

{

InitializeComponent();

this.StartPosition = FormStartPosition.CenterScreen;

}

private void Form3\_Load(object sender, EventArgs e)

{

}

private void guna2VScrollBar1\_Scroll(object sender, ScrollEventArgs e)

{

}

private void guna2Panel2\_Scroll(object sender, ScrollEventArgs e)

{

}

private void guna2Button10\_Click(object sender, EventArgs e)

{

}

private void guna2ComboBox1\_SelectedIndexChanged(object sender, EventArgs e)

{

if (guna2ComboBox1.SelectedIndex == 1) {

BMW.Visible = true;

Chevrolet.Visible = false;

FIAT.Visible = false;

Ford.Visible = false;

Honda.Visible = false;

Hundai.Visible = false;

INFINITY.Visible = false;

Jaguar.Visible = false;

Jeep.Visible = false;

KIA.Visible = false;

Rover.Visible = false;

Lexus.Visible = false;

Mazda.Visible = false;

Mercedes.Visible = true;

Mitsubishi.Visible = false;

Nissan.Visible = false;

Opel.Visible = true;

Peugeot.Visible = false;

Porshe.Visible = true;

Renault.Visible = false;

Skoda.Visible = false;

Subaru.Visible = false;

Suzuki.Visible = false;

Toyota.Visible = false;

Volvo.Visible = true;

VW.Visible = true;

Audi.Visible = true;

}

if (guna2ComboBox1.SelectedIndex == 2)

{

BMW.Visible = false;

Chevrolet.Visible = false;

FIAT.Visible = false;

Ford.Visible = false;

Honda.Visible = false;

Hundai.Visible = false;

INFINITY.Visible = false;

Jaguar.Visible = false;

Jeep.Visible = false;

KIA.Visible = false;

Rover.Visible = false;

Lexus.Visible = false;

Mazda.Visible = false;

Mercedes.Visible = false;

Mitsubishi.Visible = false;

Nissan.Visible = false;

Opel.Visible = false;

Peugeot.Visible = true;

Porshe.Visible = false;

Renault.Visible = true;

Skoda.Visible = false;

Subaru.Visible = false;

Suzuki.Visible = false;

Toyota.Visible = false;

Volvo.Visible = false;

VW.Visible = false;

Audi.Visible = false;

}

if (guna2ComboBox1.SelectedIndex == 3)

{

BMW.Visible = false;

Chevrolet.Visible = true;

FIAT.Visible = false;

Ford.Visible = true;

Honda.Visible = false;

Hundai.Visible = false;

INFINITY.Visible = false;

Jaguar.Visible = false;

Jeep.Visible = true;

KIA.Visible = false;

Rover.Visible = true;

Lexus.Visible = false;

Mazda.Visible = false;

Mercedes.Visible = false;

Mitsubishi.Visible = false;

Nissan.Visible = false;

Opel.Visible = false;

Peugeot.Visible = false;

Porshe.Visible = false;

Renault.Visible = false;

Skoda.Visible = false;

Subaru.Visible = false;

Suzuki.Visible = false;

Toyota.Visible = false;

Volvo.Visible = false;

VW.Visible = false;

Audi.Visible = false;

}

if (guna2ComboBox1.SelectedIndex == 4)

{

BMW.Visible = false;

Chevrolet.Visible = false;

FIAT.Visible = true;

Ford.Visible = false;

Honda.Visible = false;

Hundai.Visible = false;

INFINITY.Visible = false;

Jaguar.Visible = false;

Jeep.Visible = false;

KIA.Visible = false;

Rover.Visible = false;

Lexus.Visible = false;

Mazda.Visible = false;

Mercedes.Visible = false;

Mitsubishi.Visible = false;

Nissan.Visible = false;

Opel.Visible = false;

Peugeot.Visible = false;

Porshe.Visible = false;

Renault.Visible = false;

Skoda.Visible = false;

Subaru.Visible = false;

Suzuki.Visible = false;

Toyota.Visible = false;

Volvo.Visible = false;

VW.Visible = false;

Audi.Visible = false;

}

if (guna2ComboBox1.SelectedIndex == 5)

{

BMW.Visible = false;

Chevrolet.Visible = false;

FIAT.Visible = false;

Ford.Visible = false;

Honda.Visible = true;

Hundai.Visible = false;

INFINITY.Visible = true;

Jaguar.Visible = false;

Jeep.Visible = false;

KIA.Visible = false;

Rover.Visible = false;

Lexus.Visible = true;

Mazda.Visible = true;

Mercedes.Visible = false;

Mitsubishi.Visible = true;

Nissan.Visible = true;

Opel.Visible = false;

Peugeot.Visible = false;

Porshe.Visible = false;

Renault.Visible = false;

Skoda.Visible = false;

Subaru.Visible = false;

Suzuki.Visible = true;

Toyota.Visible = true;

Volvo.Visible = false;

VW.Visible = false;

Audi.Visible = false;

}

if (guna2ComboBox1.SelectedIndex == 6)

{

BMW.Visible = false;

Chevrolet.Visible = false;

FIAT.Visible = false;

Ford.Visible = false;

Honda.Visible = false;

Hundai.Visible = true;

INFINITY.Visible = false;

Jaguar.Visible = false;

Jeep.Visible = false;

KIA.Visible = true;

Rover.Visible = false;

Lexus.Visible = false;

Mazda.Visible = false;

Mercedes.Visible = false;

Mitsubishi.Visible = false;

Nissan.Visible = false;

Opel.Visible = false;

Peugeot.Visible = false;

Porshe.Visible = false;

Renault.Visible = false;

Skoda.Visible = false;

Subaru.Visible = false;

Suzuki.Visible = false;

Toyota.Visible = false;

Volvo.Visible = false;

VW.Visible = false;

Audi.Visible = false;

}

if (guna2ComboBox1.SelectedIndex == 7)

{

BMW.Visible = false;

Chevrolet.Visible = false;

FIAT.Visible = false;

Ford.Visible = false;

Honda.Visible = false;

Hundai.Visible = false;

INFINITY.Visible = false;

Jaguar.Visible = true;

Jeep.Visible = false;

KIA.Visible = false;

Rover.Visible = false;

Lexus.Visible = false;

Mazda.Visible = false;

Mercedes.Visible = false;

Mitsubishi.Visible = false;

Nissan.Visible = false;

Opel.Visible = false;

Peugeot.Visible = false;

Porshe.Visible = false;

Renault.Visible = false;

Skoda.Visible = false;

Subaru.Visible = false;

Suzuki.Visible = false;

Toyota.Visible = false;

Volvo.Visible = false;

VW.Visible = false;

Audi.Visible = false;

}

if (guna2ComboBox1.SelectedIndex == 8)

{

BMW.Visible = false;

Chevrolet.Visible = false;

FIAT.Visible = false;

Ford.Visible = false;

Honda.Visible = false;

Hundai.Visible = false;

INFINITY.Visible = false;

Jaguar.Visible = false;

Jeep.Visible = false;

KIA.Visible = false;

Rover.Visible = false;

Lexus.Visible = false;

Mazda.Visible = false;

Mercedes.Visible = false;

Mitsubishi.Visible = false;

Nissan.Visible = false;

Opel.Visible = false;

Peugeot.Visible = false;

Porshe.Visible = false;

Renault.Visible = false;

Skoda.Visible = true;

Subaru.Visible = false;

Suzuki.Visible = false;

Toyota.Visible = false;

Volvo.Visible = false;

VW.Visible = false;

Audi.Visible = false;

}

if (guna2ComboBox1.SelectedIndex == 0)

{

BMW.Visible = true;

Chevrolet.Visible = true;

FIAT.Visible = true;

Ford.Visible = true;

Honda.Visible = true;

Hundai.Visible = true;

INFINITY.Visible = true;

Jaguar.Visible = true;

Jeep.Visible = true;

KIA.Visible = true;

Rover.Visible = true;

Lexus.Visible = true;

Mazda.Visible = true;

Mercedes.Visible = true;

Mitsubishi.Visible = true;

Nissan.Visible = true;

Opel.Visible = true;

Peugeot.Visible = true;

Porshe.Visible = true;

Renault.Visible = true;

Skoda.Visible = true;

Subaru.Visible = true;

Suzuki.Visible = true;

Toyota.Visible = true;

Volvo.Visible = true;

VW.Visible = true;

Audi.Visible = true;

}

}

private void pictureBox3\_Click(object sender, EventArgs e)

{

Form1 form1 = new Form1();

this.Close();

form1.Show();

}

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

{

DataBank.PathFile2 = Path.Combine(Application.StartupPath, "Марки\\Chevrolet.htm");

Form5 form5 = new Form5();

this.Close();

form5.Show();

}

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

{

DataBank.PathFile2 = Path.Combine(Application.StartupPath, "Марки\\BMW.htm");

Form5 form5 = new Form5();

this.Close();

form5.Show();

}

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

{

DataBank.PathFile2 = Path.Combine(Application.StartupPath, "Марки\\FIAT.htm");

Form5 form5 = new Form5();

this.Close();

form5.Show();

}

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

{

DataBank.PathFile2 = Path.Combine(Application.StartupPath, "Марки\\Ford.html");

Form5 form5 = new Form5();

this.Close();

form5.Show();

}

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

{

DataBank.PathFile2 = Path.Combine(Application.StartupPath, "Марки\\Honda.html");

Form5 form5 = new Form5();

this.Close();

form5.Show();

}

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

{

DataBank.PathFile2 = Path.Combine(Application.StartupPath, "Марки\\Hundai.html");

Form5 form5 = new Form5();

this.Close();

form5.Show();

}

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

{

DataBank.PathFile2 = Path.Combine(Application.StartupPath, "Марки\\INFINITY.html");

Form5 form5 = new Form5();

this.Close();

form5.Show();

}

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

{

DataBank.PathFile2 = Path.Combine(Application.StartupPath, "Марки\\Jaguar.html");

Form5 form5 = new Form5();

this.Close();

form5.Show();

}

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

{

DataBank.PathFile2 = Path.Combine(Application.StartupPath, "Марки\\Jeep.html");

Form5 form5 = new Form5();

this.Close();

form5.Show();

}

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

{

DataBank.PathFile2 = Path.Combine(Application.StartupPath, "Марки\\KIA.html");

Form5 form5 = new Form5();

this.Close();

form5.Show();

}

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

{

DataBank.PathFile2 = Path.Combine(Application.StartupPath, "Марки\\Rover.html");

Form5 form5 = new Form5();

this.Close();

form5.Show();

}

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

{

DataBank.PathFile2 = Path.Combine(Application.StartupPath, "Марки\\Lexus.html");

Form5 form5 = new Form5();

this.Close();

form5.Show();

}

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

{

DataBank.PathFile2 = Path.Combine(Application.StartupPath, "Марки\\Mazda.html");

Form5 form5 = new Form5();

this.Close();

form5.Show();

}

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

{

DataBank.PathFile2 = Path.Combine(Application.StartupPath, "Марки\\Mercedes.html");

Form5 form5 = new Form5();

this.Close();

form5.Show();

}

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

{

DataBank.PathFile2 = Path.Combine(Application.StartupPath, "Марки\\Mitsubishi.html");

Form5 form5 = new Form5();

this.Close();

form5.Show();

}

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

{

DataBank.PathFile2 = Path.Combine(Application.StartupPath, "Марки\\Nissan.html");

Form5 form5 = new Form5();

this.Close();

form5.Show();

}

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

{

DataBank.PathFile2 = Path.Combine(Application.StartupPath, "Марки\\Opel.html");

Form5 form5 = new Form5();

this.Close();

form5.Show();

}

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

{

DataBank.PathFile2 = Path.Combine(Application.StartupPath, "Марки\\Peugeot.html");

Form5 form5 = new Form5();

this.Close();

form5.Show();

}

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

{

DataBank.PathFile2 = Path.Combine(Application.StartupPath, "Марки\\Porshe.html");

Form5 form5 = new Form5();

this.Close();

form5.Show();

}

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

{

DataBank.PathFile2 = Path.Combine(Application.StartupPath, "Марки\\Renault.html");

Form5 form5 = new Form5();

this.Close();

form5.Show();

}

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

{

DataBank.PathFile2 = Path.Combine(Application.StartupPath, "Марки\\Skoda.html");

Form5 form5 = new Form5();

this.Close();

form5.Show();

}

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

{

DataBank.PathFile2 = Path.Combine(Application.StartupPath, "Марки\\Subaru.html");

Form5 form5 = new Form5();

this.Close();

form5.Show();

}

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

{

DataBank.PathFile2 = Path.Combine(Application.StartupPath, "Марки\\Suzuki.html");

Form5 form5 = new Form5();

this.Close();

form5.Show();

}

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

{

DataBank.PathFile2 = Path.Combine(Application.StartupPath, "Марки\\Toyota.html");

Form5 form5 = new Form5();

this.Close();

form5.Show();

}

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

{

DataBank.PathFile2 = Path.Combine(Application.StartupPath, "Марки\\Volvo.html");

Form5 form5 = new Form5();

this.Close();

form5.Show();

}

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

{

DataBank.PathFile2 = Path.Combine(Application.StartupPath, "Марки\\VW.html");

Form5 form5 = new Form5();

this.Close();

form5.Show();

}

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

{

DataBank.PathFile2 = Path.Combine(Application.StartupPath, "Марки\\Audi.html");

Form5 form5 = new Form5();

this.Close();

form5.Show();

}

}

}using System;

using System.Collections.Generic;

using System.ComponentModel;

using System.Data;

using System.Drawing;

using System.IO;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

using System.Windows.Forms;

namespace КП

{

public partial class Form4 : Form

{

public Form4()

{

InitializeComponent();

webBrowser1.Navigate(DataBank.PathFile);

}

private void webBrowser1\_DocumentCompleted(object sender, WebBrowserDocumentCompletedEventArgs e)

{

}

private void guna2GradientButton1\_Click(object sender, EventArgs e)

{

Form2 form2 = new Form2();

this.Close();

form2.Show();

}

private void guna2ControlBox1\_Click(object sender, EventArgs e)

{

}

}

}

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 КП

{

public partial class Form5 : Form

{

public Form5()

{

InitializeComponent();

webBrowser1.Navigate(DataBank.PathFile2);

}

private void webBrowser1\_DocumentCompleted(object sender, WebBrowserDocumentCompletedEventArgs e)

{

// Ждем полной загрузки

if (webBrowser1.ReadyState == WebBrowserReadyState.Complete)

{

// Проверяем существование функции

object result = webBrowser1.Document.InvokeScript("eval",

new object[] { "typeof toggleAnswer === 'function'" });

if (result is bool && (bool)result)

{

// Функция существует

}

else

{

// Восстанавливаем функцию

InjectJavaScript();

}

}

}

private void InjectJavaScript()

{

string js = @"

function toggleAnswer(id) {

var answer = document.getElementById('answer' + id);

if (answer) {

answer.style.display = answer.style.display === 'block' ? 'none' : 'block';

}

}";

webBrowser1.Document.InvokeScript("eval", new object[] { js });

}

private void guna2GradientButton1\_Click(object sender, EventArgs e)

{

Form3 form3 = new Form3();

this.Close();

form3.Show();

}

private void guna2ControlBox1\_Click(object sender, EventArgs e)

{

}

}

}

using System;

using System.Collections.Generic;

using System.ComponentModel;

using System.Data;

using System.Drawing;

using System.IO;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

using System.Windows.Forms;

namespace КП

{

public partial class Form6 : Form

{

Form1 mainForm;

public Form6(Form1 mainForm)

{

this.mainForm = mainForm;

InitializeComponent();

LoadFAQ();

webBrowser1.AllowWebBrowserDrop = false;

webBrowser1.IsWebBrowserContextMenuEnabled = false;

webBrowser1.WebBrowserShortcutsEnabled = false;

webBrowser1.ScriptErrorsSuppressed = true; // Отключаем сообщения об ошибках JS

}

private void webBrowser1\_DocumentCompleted(object sender, WebBrowserDocumentCompletedEventArgs e)

{

// Ждем полной загрузки

if (webBrowser1.ReadyState == WebBrowserReadyState.Complete)

{

// Проверяем существование функции

object result = webBrowser1.Document.InvokeScript("eval",

new object[] { "typeof toggleAnswer === 'function'" });

if (result is bool && (bool)result)

{

// Функция существует

}

else

{

// Восстанавливаем функцию

InjectJavaScript();

}

}

}

private void InjectJavaScript()

{

string js = @"

function toggleAnswer(id) {

var answer = document.getElementById('answer' + id);

if (answer) {

answer.style.display = answer.style.display === 'block' ? 'none' : 'block';

}

}";

webBrowser1.Document.InvokeScript("eval", new object[] { js });

}

private void LoadFAQ()

{

string htmlPath = Path.Combine(Application.StartupPath, "faq.html");

if (File.Exists(htmlPath))

{

string htmlContent = File.ReadAllText(htmlPath);

webBrowser1.DocumentText = htmlContent;

}

else

{

webBrowser1.DocumentText = "<h1>Файл FAQ не найден!</h1>";

}

}

private void guna2ControlBox1\_Click(object sender, EventArgs e)

{

mainForm.Close();

}

private void guna2GradientButton1\_Click(object sender, EventArgs e)

{

this.Close();

mainForm.Show();

}

private void guna2Panel1\_Paint(object sender, PaintEventArgs e)

{

}

}

}

using System;

using System.Collections.Generic;

using System.Linq;

using System.Threading.Tasks;

using System.Windows.Forms;

namespace КП

{

internal static class Program

{

/// <summary>

/// Главная точка входа для приложения.

/// </summary>

[STAThread]

static void Main()

{

Application.EnableVisualStyles();

Application.SetCompatibleTextRenderingDefault(false);

Application.Run(new Loading());

}

}

}