using System;

using System.Collections.Generic;

using System.ComponentModel;

using System.Data;

using System.Diagnostics;

using System.Drawing;

using System.Linq;

using System.Text;

using System.Threading;

using System.Threading.Tasks;

using System.Windows.Forms;

using static System.Windows.Forms.VisualStyles.VisualStyleElement;

using static System.Windows.Forms.VisualStyles.VisualStyleElement.ProgressBar;

namespace пз3

{

public partial class Form1 : Form

{

DateTimeFormat dtFomat = DateTimeFormat.ShowTime;

ToolStripMenuItem currentCheckedItem;

Point LocMouse;

double counter2;

public enum DateTimeFormat

{

ShowTime,

ShowDate

}

public Form1()

{

InitializeComponent();

Text = "Пример строки состояния";

CenterToScreen();

BackColor = Color.CadetBlue;

currentCheckedItem = toolStripMenuItemTime;

currentCheckedItem.Checked = true;

this.ContextMenuStrip = this.contextMenuStrip1;

}

private void timerDateTimeUpdate\_Tick(object sender, EventArgs e)

{

string info = "";

if (dtFomat == DateTimeFormat.ShowTime)

info = DateTime.Now.ToLongTimeString();

else

info = DateTime.Now.ToLongDateString();

toolStripStatusLabelClock.Text = info;

}

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

{

currentCheckedItem.Checked = false;

dtFomat = DateTimeFormat.ShowDate;

currentCheckedItem = toolStripMenuItemDate3;

currentCheckedItem.Checked = true;

}

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

{

currentCheckedItem.Checked = false;

dtFomat = DateTimeFormat.ShowTime;

currentCheckedItem = toolStripMenuItemTime;

currentCheckedItem.Checked = true;

}

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

{

LocMouse = new Point(e.X, e.Y);

toolStripStatusLabel2.Text = LocMouse.ToString();

double xx = e.X;

double yy = e.Y;

if (counter2 == 2)

resultLabel.Text = Math.Pow(yy, 3) + xx.ToString();

if(counter2 == 1)

resultLabel.Text = Math.Pow(xx, 4) + xx + yy.ToString();

}

private void toolStripButton1\_Click(object sender, EventArgs e)

{

double x = double.Parse(toolStripTextBox1.Text);

double y = double.Parse(toolStripTextBox2.Text);

double z = double.Parse(toolStripTextBox3.Text);

double a = double.Parse(toolStripComboBox1.Text);

double b = double.Parse(toolStripComboBox2.Text);

double count = 0;

count = a \* x + b \* y + Math.Sin(z) + x - y;

Text = String.Format("{0}", count);

}

private void z1\_Click(object sender, EventArgs e)

{

counter2 = 2;

}

private void z2\_Click(object sender, EventArgs e)

{

counter2 = 1;

}

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

{

toolStripTextBox4.Text = "1";

toolStripTextBox5.Text = "2";

toolStripTextBox6.Text = "3";

toolStripComboBox3.Text = "4";

toolStripComboBox4.Text = "5";

}

private void toolStripTextBox7\_Click(object sender, EventArgs e)

{

double x = double.Parse(toolStripTextBox4.Text);

double y = double.Parse(toolStripTextBox5.Text);

double z = double.Parse(toolStripTextBox6.Text);

double a = double.Parse(toolStripComboBox3.Text);

double b = double.Parse(toolStripComboBox4.Text);

double count = 0;

count = a \* x + b \* y + Math.Sin(z) + x - y;

textBox1.Text = count.ToString();

}

}

}