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.IO;

namespace CeazerC

{public partial class Form1 : Form

{public Form1()

{InitializeComponent();}

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

{textBox3.Text = "";

int move = 0;

string s;

string[] array = new string[] {"а", "б","в",

"г", "д", "е", "ё", "ж","з", "и", "й", "к", "л", "м","н", "о","п",

"р", "с","т", "у", "ф", "х","ц", "ч", "ш", "щ", "ъ", "ы", "ь","э",

"ю", "я"};

try

{move = Convert.ToInt32(textBox1.Text);}

catch

{MessageBox.Show("Введите шаг!");

return; }

string[] array2;

array2 = array.Skip(move).Concat(array.Take(move)).ToArray();

foreach (string element in array2)

{ }

string text = textBox2.Text;

{foreach (char b in text)

{for (int i = 0; i < array.Length; i++)

{if (b.ToString().ToLower() == array[i])

{textBox3.Text += array2[i];

break;}

else

{if (b.ToString() == " ")

{textBox3.Text += " ";

break; };

if (b.ToString() == ".")

{textBox3.Text += ".";

break;};

if (b.ToString() == ",")

{textBox3.Text += ",";

break;};

if (b.ToString() == ":")

{textBox3.Text += ":";

break;};

if (b.ToString() == ";")

{textBox3.Text += ";";

break;};

if (b.ToString() == "?")

{textBox3.Text += "?";

break;}

if (b.ToString() == "!")

{textBox3.Text += "!";

break;} } }}; }}

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

{OpenFileDialog o = new OpenFileDialog();

o.Filter = "txt files (\*.txt)|\*.txt|All files (\*.\*)|\*.\*";

if (o.ShowDialog() == DialogResult.OK) {textBox2.Text = File.ReadAllText(o.FileName, Encoding.GetEncoding(1251));}}

private void button3\_Click(object sender, EventArgs e)

{Close();}

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

{textBox1.Clear();

textBox2.Clear();

textBox3.Clear();}

private void сохранитьToolStripMenuItem1\_Click(object sender, EventArgs e)

{SaveFileDialog saveFile1 = new SaveFileDialog();

saveFile1.DefaultExt = "\*.txt";

saveFile1.Filter = "Text files|\*.txt";

if (saveFile1.ShowDialog() == System.Windows.Forms.DialogResult.OK && saveFile1.FileName.Length > 0)

{using (StreamWriter sw = new StreamWriter(saveFile1.FileName, true, Encoding.GetEncoding(1251)))

{sw.WriteLine(textBox3.Text);

sw.Close();}}}

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

{MessageBox.Show("Для начала шифрования откройте текстовый файл или введите текст вручную, затем нажмите кнопку 'Зашифровать': результат выведется в окне. Полученный шифротекст можно сохранить!");

return;}

private void textBox2\_TextChanged(object sender, EventArgs e)

{ }

private void textBox2\_KeyPress(object sender, KeyPressEventArgs e)

{char l = e.KeyChar;

if ((l < 'А' || l > 'я') && l != '\b' && l != '.' && l != '?' && l != '!' && l != '"' && l != ' ' && l != ':' && l != ',' && l != ';')

{e.Handled = true;}}

private void textBox3\_KeyPress(object sender, KeyPressEventArgs e)

{if (e.KeyChar != (int)Keys.Space)

e.KeyChar = '\0';}

private void textBox1\_KeyPress(object sender, KeyPressEventArgs e)

{char number = e.KeyChar;

if (!Char.IsDigit(number) && number != 8)

{e.Handled = true;}}

private void textBox3\_TextChanged(object sender, EventArgs e)

{textBox3.ReadOnly = true;}

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

{ }

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

{ }

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

{ }

private void textBox1\_KeyUp(object sender, KeyEventArgs e)

{

TextBox temp = sender as TextBox;

if (temp.Text.Length > 0)

if (System.Convert.ToInt32(temp.Text) > 32)

temp.Text = "32";}

private void textBox1\_Enter(object sender, EventArgs e)

{

System.Windows.Forms.Clipboard.Clear();

}}}