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.Security.Cryptography;

using System.IO;

namespace WindowsFormsApplication4

{

public partial class Form1 : Form

{

public Form1()

{

InitializeComponent();

}

//TripleDESCryptoServiceProvider des = new TripleDESCryptoServiceProvider();

DESCryptoServiceProvider des = new DESCryptoServiceProvider();

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

{

OpenFileDialog dialog = new OpenFileDialog();

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

dialog.InitialDirectory = "C:";

dialog.Title = "Zgjedhe fajllin per kriptim";

if (dialog.ShowDialog() == DialogResult.OK)

input.Text = dialog.FileName;

if (input.Text == String.Empty)

return;

}

public void KriptoFajllin(string pathiHyres, string pathiDales, string Key)

{

try

{

DESCryptoServiceProvider des = new DESCryptoServiceProvider();

des.Key = Encoding.UTF8.GetBytes(Key);

des.IV = Encoding.UTF8.GetBytes(Key);

FileStream fs\_o = new FileStream(pathiDales, FileMode.Create,FileAccess.Write);

CryptoStream cs\_write = new CryptoStream(fs\_o, des.CreateEncryptor(), CryptoStreamMode.Write);

FileStream fs\_i=new FileStream(pathiHyres, FileMode.Open);

byte[] buffer = new byte[fs\_i.Length];

fs\_i.Read(buffer, 0, buffer.Length);

cs\_write.Write(buffer, 0, buffer.Length);

cs\_write.Close();

fs\_i.Close();

fs\_o.Close();

}

catch (Exception ex)

{

MessageBox.Show("Ka ndodhur gabimi: " + ex.Message);

}

}

public void DekriptimiFajllit(string pathiHyres, string pathiDales, string Key)

{

try

{

des.Key = Encoding.UTF8.GetBytes(Key);

des.IV = Encoding.UTF8.GetBytes(Key);

FileStream fs\_i = new FileStream(pathiHyres, FileMode.Open, FileAccess.Read);

FileStream fs\_o = new FileStream(pathiDales, FileMode.Create, FileAccess.Write);

CryptoStream cs\_read = new CryptoStream(fs\_i, des.CreateDecryptor(), CryptoStreamMode.Read);

StreamReader sr = new StreamReader(cs\_read);

StreamWriter sw = new StreamWriter(fs\_o);

sw.Write(sr.ReadToEnd());

sw.Flush();

fs\_i.Close();

fs\_o.Close();

}

catch (Exception ex)

{

MessageBox.Show("Ka ndodhur gabimi: " + ex.Message);

}

}

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

{

OpenFileDialog dialog = new OpenFileDialog();

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

dialog.InitialDirectory = "C:";

dialog.Title = "Zgjedhe fajllin per kriptim";

if (dialog.ShowDialog() == DialogResult.OK)

output.Text= dialog.FileName;

if (output.Text == String.Empty)

{

MessageBox.Show("Procesi u nderpre nga shfrytezuesi", "System info ...");

return;

}

}

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

{

KriptoFajllin(input.Text, output.Text, textBox1.Text);

}

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

{

DekriptimiFajllit(input.Text, output.Text, textBox1.Text);

}

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

{

}

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

{

}

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

{

}

}

}

TextBox: Name: textbox1

Name: input

Name: output

Butonat: Text: zgjedh; name: btninput

Text: zgjedh; name: btnoutput

Text: kripto; name: button1

Text: dekripto; name: button2

