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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();
                    }
                }
            }
        }
    }
}

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    }
    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);
}

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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: krypto; name: button1

Text: dekripto; name: button2