Assignment 11

Q) Write a C# program to open file,close file using dilaog box?  
  
using System;

using System.IO;

using System.Windows.Forms;

public class FileHandler : Form

{

private TextBox textBox;

private Button openButton, saveButton, closeButton;

private OpenFileDialog openFileDialog;

private SaveFileDialog saveFileDialog;

private string currentFilePath;

public FileHandler()

{

textBox = new TextBox { Multiline = true, Dock = DockStyle.Fill };

openButton = new Button { Text = "Open File" };

saveButton = new Button { Text = "Save File" };

closeButton = new Button { Text = "Close File" };

openFileDialog = new OpenFileDialog();

saveFileDialog = new SaveFileDialog();

openButton.Click += OpenFile;

saveButton.Click += SaveFile;

closeButton.Click += CloseFile;

var panel = new FlowLayoutPanel { Dock = DockStyle.Top, AutoSize = true };

panel.Controls.Add(openButton);

panel.Controls.Add(saveButton);

panel.Controls.Add(closeButton);

Controls.Add(panel);

Controls.Add(textBox);

}

private void OpenFile(object sender, EventArgs e)

{

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

{

currentFilePath = openFileDialog.FileName;

textBox.Text = File.ReadAllText(currentFilePath);

}

}

private void SaveFile(object sender, EventArgs e)

{

if (!string.IsNullOrEmpty(currentFilePath))

{

File.WriteAllText(currentFilePath, textBox.Text);

}

else if (saveFileDialog.ShowDialog() == DialogResult.OK)

{

currentFilePath = saveFileDialog.FileName;

File.WriteAllText(currentFilePath, textBox.Text);

}

}

private void CloseFile(object sender, EventArgs e)

{

textBox.Clear();

currentFilePath = null;

}

[STAThread]

public static void Main()

{

Application.EnableVisualStyles();

Application.Run(new FileHandler());

}

}