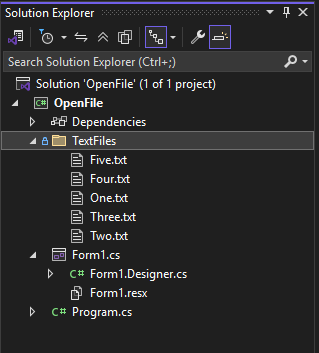
**Exercise 1**

****

**A screenshot of a computer

AI-generated content may be incorrect.A computer screen shot of a computer screen

AI-generated content may be incorrect.**

**A screenshot of a computer

AI-generated content may be incorrect.**

using System.Diagnostics;

namespace OpenFile

{

public partial class Form1 : Form

{

public Form1()

{

InitializeComponent();

}

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

{

try

{

string file1 = comboBox1.SelectedItem?.ToString();

if (string.IsNullOrEmpty(file1))

{

MessageBox.Show("Please select a file to open");

return;

}

string filePath = @"D:\(D) Documents\Lessons\Year 03 Sem 01\BECS 31242 - Visual Programming\Visual Programming Practical Guides\Lab09\OpenFile\TextFiles\" + file1 + ".txt";

var psi = new ProcessStartInfo

{

FileName = filePath,

UseShellExecute = true

};

Process.Start(psi);

}

catch (Exception ex)

{

MessageBox.Show("Error opening file: " + ex.Message);

}

}

}

}

**Exercise 2**

**A screenshot of a computer

AI-generated content may be incorrect.**

**A screenshot of a computer

AI-generated content may be incorrect.**

**Exercise 3**

**A screenshot of a computer

AI-generated content may be incorrect.**

namespace FileReadWrite\_

{

public partial class Form1 : Form

{

public Form1()

{

InitializeComponent();

}

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

{

richTextBox1.BackColor = Color.Beige;

richTextBox1.ForeColor = Color.CornflowerBlue;

richTextBox1.Text = "Contents of the file will display here";

richTextBox1.Font = new Font("Segoe Print", 9);

}

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

{

try

{

richTextBox1.Clear();

richTextBox1.BackColor = Color.LightSeaGreen;

richTextBox1.ForeColor = Color.WhiteSmoke;

richTextBox1.Font = new Font("Times New Roman", 12);

// Pass the file path and file name to the StreamReader constructor.

StreamReader sr = new StreamReader("D:\\(D) Documents\\Lessons\\Year 03 Sem 01\\BECS 31242 - Visual Programming\\Visual Programming Practical Guides\\Lab09\\FileReadWrite\\TextFiles\\Read.txt");

// Read the first line of text.

string line = sr.ReadLine();

// Continue to read until you reach the end of the file.

while (line != null)

{

// Write the file to the rich text box.

richTextBox1.Text = richTextBox1.Text + line + Environment.NewLine;

// Read the next line.

line = sr.ReadLine();

}

// Close the file.

sr.Close();

}

catch (Exception e1)

{

MessageBox.Show("Exception: " + e1.Message);

}

}

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

{

{

try

{

//Pass the filepath and filename to the StreamWriter Constructor

StreamWriter sw = new StreamWriter("D:\\(D) Documents\\Lessons\\Year 03 Sem 01\\BECS 31242 - Visual Programming\\Visual Programming Practical Guides\\Lab09\\FileReadWrite\\TextFiles\\Write.txt");

//Write a line of text

sw.WriteLine("Hello!!!");

//Write a second line of text

sw.WriteLine("Good Morning…");

//Write a third line of text

sw.WriteLine("Welcome to Visual Programming.");

//Close the file

sw.Close();

}

catch (Exception e1)

{

MessageBox.Show("Exception: " +

e1.Message);

}

}

}

}

}

**Exercise 4**

**A screenshot of a computer

AI-generated content may be incorrect.**

**A screenshot of a computer

AI-generated content may be incorrect.**

namespace FileReadWrite\_

{

public partial class Form1 : Form

{

public Form1()

{

InitializeComponent();

}

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

{

richTextBox1.BackColor = Color.Beige;

richTextBox1.ForeColor = Color.CornflowerBlue;

richTextBox1.Text = "Contents of the file will display here";

richTextBox1.Font = new Font("Segoe Print", 9);

}

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

{

try

{

string file1 = comboBox1.SelectedItem?.ToString();

if (string.IsNullOrEmpty(file1))

{

MessageBox.Show("Please select a file to open");

return;

}

richTextBox1.Clear();

richTextBox1.BackColor = Color.LightSeaGreen;

richTextBox1.ForeColor = Color.WhiteSmoke;

richTextBox1.Font = new Font("Times New Roman", 12);

// Pass the file path and file name to the StreamReader constructor.

StreamReader sr = new StreamReader("D:\\(D) Documents\\Lessons\\Year 03 Sem 01\\BECS 31242 - Visual Programming\\Visual Programming Practical Guides\\Lab09\\FileReadWrite\\TextFiles\\" + file1 +".txt");

// Read the first line of text.

string line = sr.ReadLine();

// Continue to read until you reach the end of the file.

while (line != null)

{

// Write the file to the rich text box.

richTextBox1.Text = richTextBox1.Text + line + Environment.NewLine;

// Read the next line.

line = sr.ReadLine();

}

// Close the file.

sr.Close();

}

catch (Exception e1)

{

MessageBox.Show("Exception: " + e1.Message);

}

}

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

{

{

try

{

//Pass the filepath and filename to the StreamWriter Constructor

StreamWriter sw = new StreamWriter("D:\\(D) Documents\\Lessons\\Year 03 Sem 01\\BECS 31242 - Visual Programming\\Visual Programming Practical Guides\\Lab09\\FileReadWrite\\TextFiles\\Write.txt");

//Write a line of text

sw.WriteLine("Hello!!!");

//Write a second line of text

sw.WriteLine("Good Morning…");

//Write a third line of text

sw.WriteLine("Welcome to Visual Programming.");

//Close the file

sw.Close();

}

catch (Exception e1)

{

MessageBox.Show("Exception: " +

e1.Message);

}

}

}

}

}