Oefening 18.8

```
<Window x:Class="Oef18 8 ZoekInBestanden.MainWindow"</pre>
        xmlns="http://schemas.microsoft.com/winfx/2006/xaml/presentation"
        xmlns:x="http://schemas.microsoft.com/winfx/2006/xaml"
        xmlns:d="http://schemas.microsoft.com/expression/blend/2008"
        xmlns:mc="http://schemas.openxmlformats.org/markup-compatibility/2006"
        xmlns:local="clr-namespace:Oef18 8 ZoekInBestanden"
        mc:Ignorable="d"
        Title="MainWindow" Height="315.297" Width="570">
        <Label x:Name="label" Content="Folder" HorizontalAlignment="Left"</pre>
               Margin="40,28,0,0" VerticalAlignment="Top"/>
        <TextBlock HorizontalAlignment="Left" Margin="108,31,0,0"
                   Text="C:\" Background="Azure" VerticalAlignment="Top" Width="326"
                   Name="directoryTextBlock" />
        <Button Content="Browse" HorizontalAlignment="Left" Margin="443,28,0,0"</pre>
                VerticalAlignment="Top" Width="75"
                Name="browseButton" Click="browseButton_Click"/>
        <Button Content="Show" HorizontalAlignment="Left" Margin="40,99,0,0"</pre>
                VerticalAlignment="Top" Width="75"
                Name="showButton" Click="showButton_Click"/>
        <TextBox HorizontalAlignment="Left" Margin="147,95,0,0"
                   Background="LightYellow" VerticalAlignment="Top" Width="371"
                   Name="resultsTextBox" Height="175"
                  VerticalScrollBarVisibility="Visible" />
        <Label x:Name="keywordLabel" Target="{Binding ElementName=keywordTextBox}"</pre>
               Content="Trefwoord" HorizontalAlignment="Left"
               Margin="40,52,0,0" VerticalAlignment="Top"/>
        <TextBox x:Name="keywordTextBox" HorizontalAlignment="Left" Height="23"
                 Margin="108,56,0,0" TextWrapping="Wrap"
                 VerticalAlignment="Top" Width="326"/>
    </Grid>
</Window>
```



```
public partial class MainWindow : Window
        public MainWindow()
            InitializeComponent();
        }
        private void browseButton_Click(object sender, RoutedEventArgs e)
            FolderBrowserDialog folderDialog = new FolderBrowserDialog();
            if (folderDialog.ShowDialog() == System.Windows.Forms.DialogResult.OK)
            {
                directoryTextBlock.Text = folderDialog.SelectedPath;
            }
        }
        private void showButton_Click(object sender, RoutedEventArgs e)
            if (string.IsNullOrEmpty(keywordTextBox.Text))
            {
                resultsTextBox.Text = "Gelieve een trefwoord in te vullen";
                return;
            }
            try
            {
                string[] textFilePaths = Directory.GetFiles(directoryTextBlock.Text,
                                                             "*.txt");
                resultsTextBox.Text = "";
                foreach (var textFilePath in textFilePaths)
                    SearchInFile(textFilePath);
            }
            catch (DirectoryNotFoundException)
                resultsTextBox.Text = "Fout: de folder kan niet gevonden worden.";
        }
        private void SearchInFile(string textFilePath)
            string fileName = System.IO.Path.GetFileName(textFilePath);
            StreamReader reader = null;
            try
            {
                reader = File.OpenText(textFilePath);
                string line = reader.ReadLine();
                while (line != null)
                    if (line.Contains(keywordTextBox.Text))
                        var resultLine = CreateResultLine(fileName, line);
                        resultsTextBox.AppendText(resultLine);
                    line = reader.ReadLine();
                }
            }
            catch (IOException ioException)
                var resultLine = CreateResultLine(fileName,
                                                   $"Error - {ioException.Message}");
                resultsTextBox.AppendText(resultLine);
```

```
finally
{
    if (reader != null)
    {
        reader.Close();
    }
}

private string CreateResultLine(string fileName, string textToDisplay)
{
    return $"{fileName}: {textToDisplay}" + Environment.NewLine;
}
```

}