[C# WPF Tutorial #10 - OpenFileDialog (File Picker)](https://www.youtube.com/watch?v=Ks9bzPSx7Vs&list=PLih2KERbY1HHOOJ2C6FOrVXIwg4AZ-hk1&index=10)

# Start new WPF solution in Visual Studio.

A black screen with white text

Description automatically generated

A black rectangular object with a black background

Description automatically generated

# Name it:

A screenshot of a computer

Description automatically generated

# Starting point. Code looks like this initially.

MainWindow.xaml

<Window x:Class="\_10\_WPF\_Tutorial\_v1.MainWindow"

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:\_10\_WPF\_Tutorial\_v1"

mc:Ignorable="d"

Title="MainWindow" Height="450" Width="800">

<Grid>

</Grid>

</Window>

# Add the following code to the .xaml file to create the GUI.

MainWindow.xaml

<Window x:Class="\_10\_WPF\_Tutorial\_v1.MainWindow"

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:\_10\_WPF\_Tutorial\_v1"

mc:Ignorable="d"

Title="MainWindow" Height="250" Width="800">

<Grid>

<Grid.RowDefinitions>

<RowDefinition/>

<RowDefinition/>

</Grid.RowDefinitions>

<Button Name="btnFire"

Content="Fire"

Width="100"

Height="40"

/>

<TextBlock Grid.Row="1"

Name="tbInfo"

FontSize="16"

VerticalAlignment="Center"

HorizontalAlignment="Center"

/>

</Grid>

</Window>

# The MainWindow.xaml.cs code behind page will initially look like this:

MainWindow.xaml.cs

using System.Windows;

namespace \_10\_WPF\_Tutorial\_v1

{

public partial class MainWindow : Window

{

public MainWindow()

{

InitializeComponent();

}

}

}

# Add a Click event handler to the button

MainWindow.xaml

<Window x:Class="\_10\_WPF\_Tutorial\_v1.MainWindow"

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:\_10\_WPF\_Tutorial\_v1"

mc:Ignorable="d"

Title="MainWindow" Height="250" Width="800">

<Grid>

<Grid.RowDefinitions>

<RowDefinition/>

<RowDefinition/>

</Grid.RowDefinitions>

<Button Name="btnFire"

Content="Fire"

Width="100"

Height="40"

Click="btnFire\_Click"

/>

<TextBlock Grid.Row="1"

Name="tbInfo"

FontSize="16"

VerticalAlignment="Center"

HorizontalAlignment="Center"

/>

</Grid>

</Window>