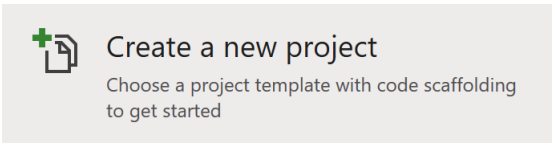
Universal Windows Platform – Command Bar

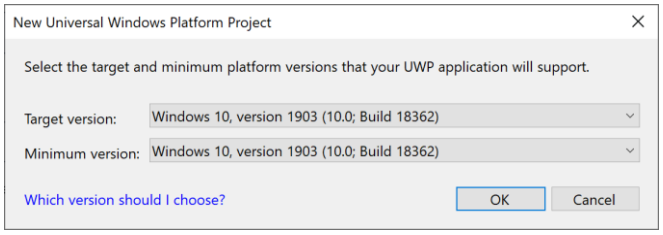
Command Bar is where **AppBarButton** Controls can be added, these allow a standard-looking interface for applications to perform actions or access options

Step 1



Follow **Setup and Start** on how to Install and/or Get Started with **Visual Studio 2019** if not already or in **Windows 10** choose **Start**, find and select **Visual Studio 2019** then from the **Get started** screen select **Create a new project**

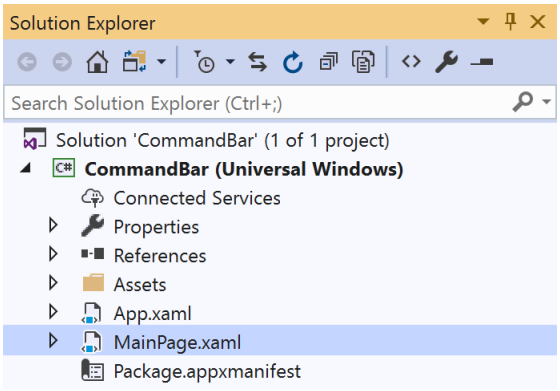
Then choose **Blank App (Universal Windows)** and select **Next** and then in **Configure your new project** enter the **Project name** as **CommandBar** and select **Create**



Finally, in **New Universal Windows Platform Project** pick the **Target version** and **Minimum version** to be at least **Windows 10, version 1903 (10.0; Build 18362)** and then select **OK**

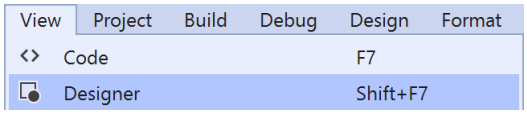
Target Version will control the most recent features of Windows 10 your application can use. To make sure you always have the most recent version, check for any Notifications or Updates in Visual Studio 2019

Step 2



In the **Solution Explorer** of **Visual Studio 2019** select **MainPage.xaml**

Step 3



Choose **View** then **Designer** from the **Menu** in **Visual Studio 2019**

Universal Windows Platform – Command Bar

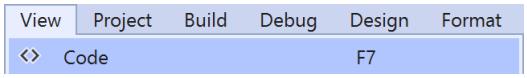
Step 4

In the **Design** View and **XAML** View of **Visual Studio 2019** will be displayed, and in this between the **`Grid`** and **`/Grid`** elements enter the following **XAML**:

```
<CommandBar IsOpen="True" IsSticky="True" VerticalAlignment="Bottom">
    <CommandBar.SecondaryCommands>
        <AppBarButton Name="Hide" Icon="Cancel" Label="Hide Other"
        Visibility="Collapsed" Click="Show_Click"/>
    </CommandBar.SecondaryCommands>
    <AppBarButton Name="Show" Icon="Accept" Label="Show Other"
    Click="Show_Click"/>
</CommandBar>
```

CommandBar is a Control that can contain AppBarButton that will be displayed o show the main toolbar of a Universal Windows Platform Application in Windows 10

Step 5



Choose **View** then **Code** from the **Menu** in **Visual Studio 2019**

Step 6

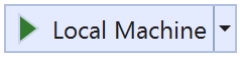
Once in the **Code** View, below the end of **`public MainPage() { ... }`** the following Code should be entered:

```
private void Show_Click(object sender, RoutedEventArgs e)
{
    if (Hide.Visibility == Visibility.Collapsed)
    {
        Hide.Visibility = Visibility.Visible;
    }
    else
    {
        Hide.Visibility = Visibility.Collapsed;
    }
}
```

`Show_Click` is an Event handler that will be triggered when Hide Other or Show Other is Clicked. This will `if` the `Hide.Visibility` is `Visibility.Collapsed` will set `Hide.Visibility` to `Visibility.Visible` or `else` it will set `Hide.Visibility` it to `Visibility.Collapsed`

Universal Windows Platform – Command Bar

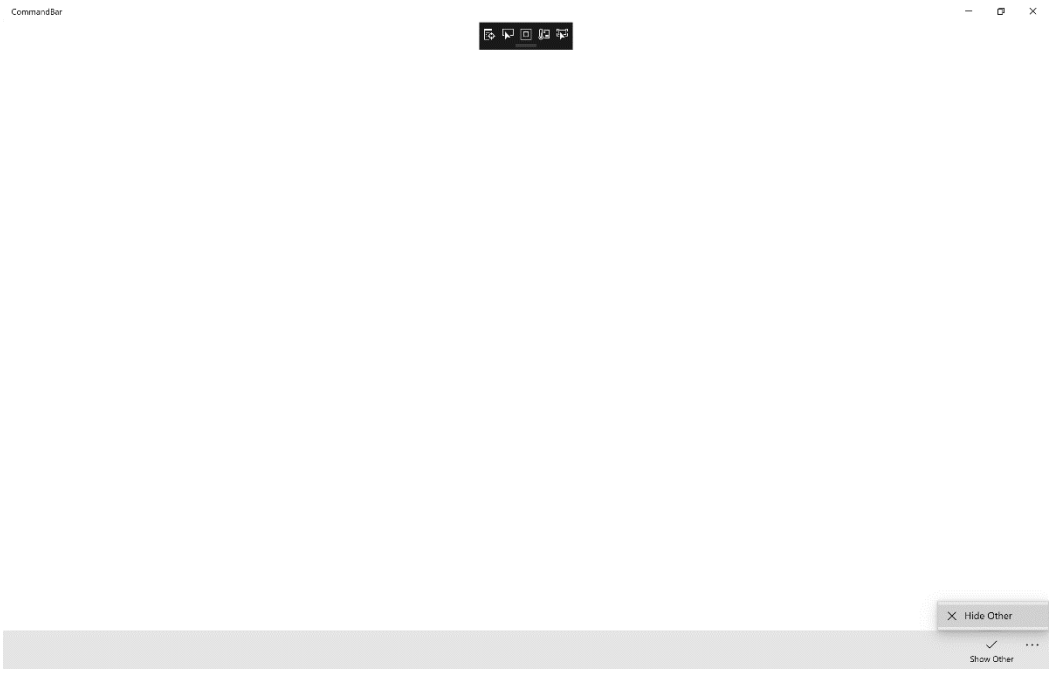
Step 7



That completes the **Universal Windows Platform** Application, in **Visual Studio 2019** select **Local Machine** to run the Application

Step 8

Once the Application is running click **Show Other** to show an option on the bottom when **...** is tapped and tap **Hide Other** to hide this option again



Step 9

To Exit the Application, select the **Close** button in the top right of the Application