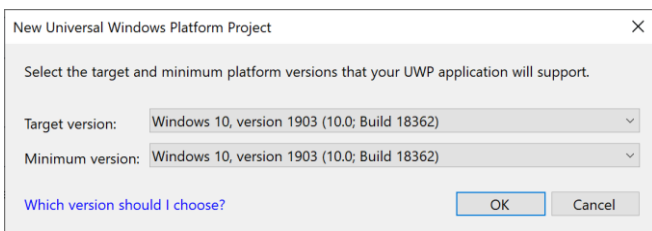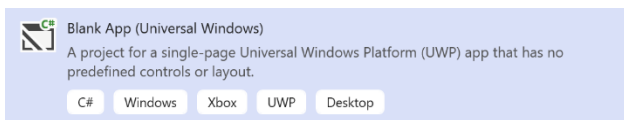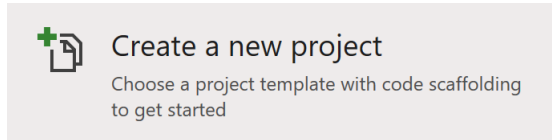# Universal Windows Platform – Hello World

**Hello World**, is used to introduce many new programming language examples in this case it is an introduction to the **Universal Windows Platform** where a message will be displayed on screen when a **Button** is clicked
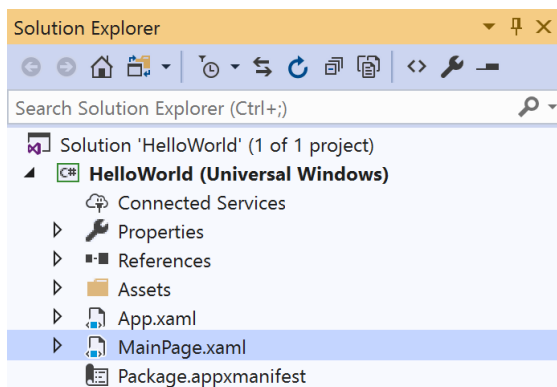
## Step 1



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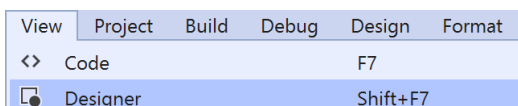
Target Version will control the most recent features of Windows 10 your application can use. To make sure you always have the most recent version, check for any Notifications or Updates in Visual Studio 2019

## Step 2



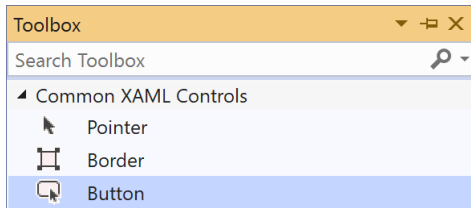In the **Solution Explorer** of **Visual Studio 2019** select **MainPage.xaml**

## Step 3



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

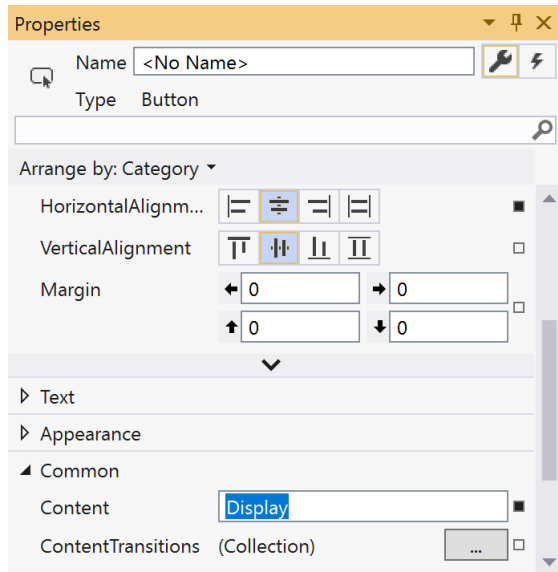Tutorialr.com

# Universal Windows Platform – Hello World

## Step 4

In the **Toolbox** of **Visual Studio 2019** from **Common XAML Controls**, double-click **Button** to add it to the **Design** View

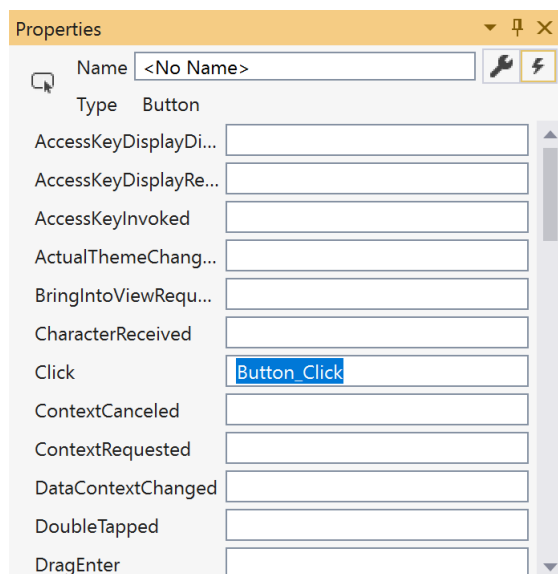MainPage.xaml makes up the look of the application by placing Controls on the Design View

## Step 5

When the **Button** has been added to the **Design** View go to **Properties** set **HorizontalAlignment** to **Center**, **VerticalAlignment** to **Center** and **Content** to **Display**

The Button will appear in the middle of the Design View with the Content of Display once the Properties have been set correctly

## Step 6

While still in the **Properties** select **Events** and then set **Click** to **Button_Click** then either double-click on the text or press Enter once that has been typed in

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# Universal Windows Platform – Hello World

## Step 7

Finally, once done the **Code** View will be displayed and inside the **Button_Click(...)** method the following should be entered:
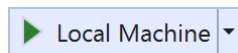
```
_ = new Windows.UI.Popups.MessageDialog("Hello World").ShowAsync();
```

The **Button_Click(...)** method should then appear as follows:

```
private void Button_Click(object sender, RoutedEventArgs e)
{
    _ = new Windows.UI.Popups.MessageDialog("Hello World").ShowAsync();
}
```

Clicking on the Button the Event of **Button_Click(...)** will be triggered and this display a MessageDialog with the Text Hello World

## Step 8

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

## Step 9

Once the running, you can click **Display** to show the **MessageDialog** and dismiss it with **Close**

## Step 10

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

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