**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

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|  | 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** |
| A screenshot of a cell phone  Description automatically generated | 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** |
| A screenshot of a social media post  Description automatically generated | 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

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| A screenshot of a cell phone  Description automatically generated | In the **Solution Explorer** of **Visual Studio 2019** select **MainPage.xaml** |

## Step 3

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| A screenshot of a cell phone  Description automatically generated | Choose **View** then **Designer** from the **Menu** in **Visual Studio 2019** |

## Step 4

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| A screenshot of a cell phone  Description automatically generated | 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

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| A screenshot of a cell phone  Description automatically generated | 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

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| A screenshot of a cell phone  Description automatically generated | 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 |

## 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

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|  | 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**

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## Step 10

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| A picture containing object  Description automatically generated | To Exit the Application, select the **Close** button in the top right of the Application |