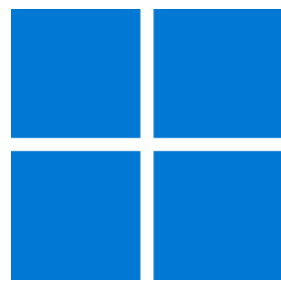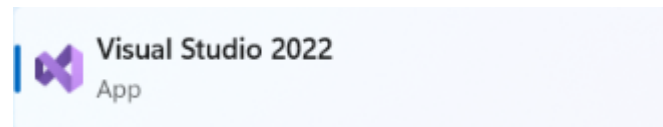tutorial

Windows App SDK

Teaching Tip

Teaching Tip

Teaching Tip shows how you can use `TeachingTip` with the **Windows App SDK** which is a **Control** that can be used to provide contextual information combined with other elements such as the `CommandBar` to help users understand an application.
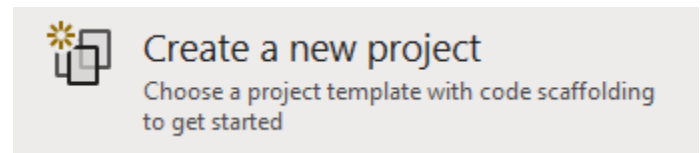
Step 1

Follow **Setup and Start** on how to get **Setup** and **Install** what you need for **Visual Studio 2022** and **Windows App SDK**.
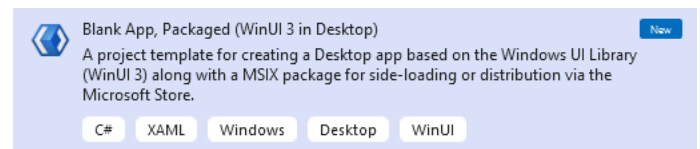
In **Windows 11** choose **Start** and then find or search for **Visual Studio 2022** and then select it.
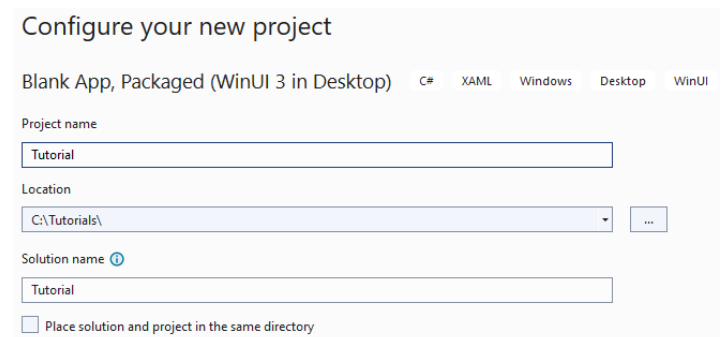
Once **Visual Studio 2022** has started select **Create a new project**.

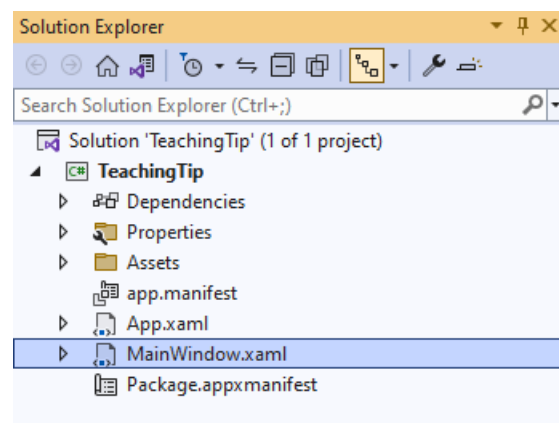Then choose the **Blank App, Packages (WinUI in Desktop)** and then select **Next**.

After that in **Configure your new project** type in the **Project name** as *TeachingTip*, then select a Location and then select **Create** to start a new **Solution**.

Step 2

Within **Solution Explorer** for the **Solution** and double-click on **MainWindow.xaml** to see the **XAML** for the **Main Window**.

Step 3

In the **XAML** for **MainWindow.xaml** there be some **XAML** for a **StackPanel**, this should be **Removed** by removing the following:

```
<StackPanel Orientation="Horizontal"
HorizontalAlignment="Center" VerticalAlignment="Center">
    <Button x:Name="myButton" Click="myButton_Click">Click Me</Button>
</StackPanel>
```
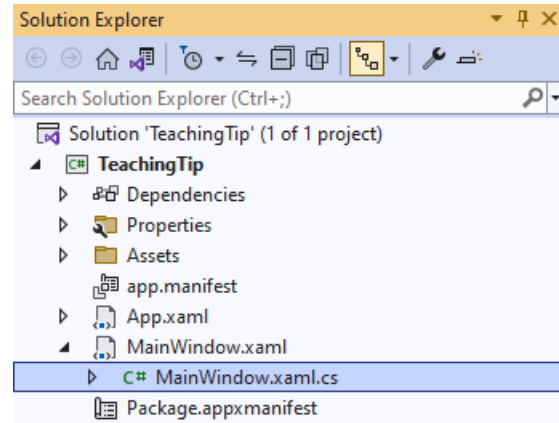
Step 4

While still in the **XAML** for **MainWindow.xaml** above **</Window>**, type in the following **XAML**:

```
<Grid>
    <TeachingTip Name="Display"
    Title="Teaching Tip"
    Subtitle="Show Teaching Tips in your Application">
        <TeachingTip.IconSource>
            <SymbolIconSource Symbol="Comment"/>
        </TeachingTip.IconSource>
    </TeachingTip>
    <CommandBar IsOpen="True" IsSticky="True" VerticalAlignment="Bottom">
        <AppBarButton Name="Tip" Icon="Comment" Label="Tip" Click="Tip_Click"/>
    </CommandBar>
</Grid>
```

This **XAML** features a **Grid** containing the **TeachingTip** with the **Title** and **Subtitle** set to some content, along with the use of an **IconSource** to be displayed in the **TeachingTip**, which will be used with the **CommandBar** which has a single **AppBarButton** with the **Label** of *Tip*, that will be used to show the **TeachingTip** in the **Method** of **Tip_Click** when it is **Clicked**.

Step 5

Then, within **Solution Explorer** for the **Solution** select the arrow next to **MainWindow.xaml** then double-click on **MainWindow.xaml.cs** to see the **Code** for the **Main Window**.

Step 6

In the **Code** for **MainWindow.xaml.cs** there be a **Method** of **myButton_Click(...)** this should be **Removed** by removing the following:

```csharp
private void myButton_Click(object sender, RoutedEventArgs e)
{
    myButton.Content = "Clicked";
}
```
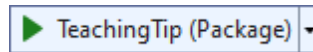
Step 7

Once **myButton_Click(...)** has been removed, below the end of **public MainWindow() { ... }** type in the following **Code**:

```csharp
private void Tip_Click(object sender, RoutedEventArgs e)
{
    Display.Target = Tip;
    Display.IsOpen = true;
}
```

The **Method** of **Tip_Click** will be triggered by the **Event** of **Click** from the **AppBarButton** then all it does is set the **Target** of the **TeachingTip** to be the **AppBarButton** and to then show it by setting the **Property** of **IsOpen** to **true**.

Step 8

That completes the **Windows App SDK** Application. In **Visual Studio 2022** from the **Toolbar** select **TeachingTip (Package)** to **Start** the Application.
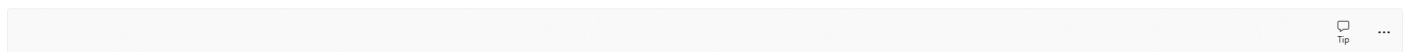

Step 9

Once running you should see the **CommandBar** with the **AppBarButton** with the **Label** of *Tip*.
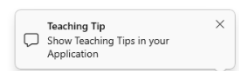
Step 10

If you **Click** on the **AppBarButton** with the **Label** of *Tip* you will see the **TeachingTip** displayed which can be closed with the **Close** button in the top-right of the **TeachingTip**.

Step 11

To **Exit** the **Windows App SDK** application, select the **Close** button from the top right of the application as that concludes this **Tutorial** for **Windows App SDK** from tutorialr.com!