

# XAML Styles Lab - MAUI

Perform these labs on your own computer using Visual Studio 2022 or later to ensure you understand the lessons presented in the corresponding videos and lectures.

## Lab 1: Modify Application Styles

Open the **Resources\Styles\Styles.xaml** file and add the following at the top.

```
<!-- ***** -->
<!-- Other Resources -->
<!-- ***** -->
<x:Double x:Key="DefaultFontSize">24</x:Double>
<x:String x:Key="ApplicationTitle">
    Adventure Works
</x:String>
<Thickness x:Key="DefaultMarginSize">10,5</Thickness>

<!-- ***** -->
<!-- Base/Keyed Styles -->
<!-- ***** -->
<Style TargetType="View"
        x:Key="BaseControlStyle">
    <Setter Property="Margin"
            Value="{StaticResource DefaultMarginSize}" />
</Style>
```

You can now use the **BasedOn** attribute on all controls defined in this file. For now, just add the BasedOn to the Button, Entry, and Label controls.

```
<Style TargetType="Button"
        BasedOn="{StaticResource BaseControlStyle}">
```

## Try It Out

Run the application and click on all the menus to see the controls are now spaced correctly.

## Lab 2: Application Titles as a Style

Open the **AppShell.xaml** file and modify the **Title** property to use the string resource you added in the Styles.xaml file.

```
Title="{StaticResource ApplicationTitle}"
```

Open the **MainPage.xaml** file and modify the Title property.

```
Title="{StaticResource ApplicationTitle}"
```

Also change the <Label> to use the resource.

```
<Label Text="{StaticResource ApplicationTitle}"  
      FontSize="Large"  
      VerticalOptions="Center"  
      HorizontalOptions="Center" />
```

## Try It Out

Run the application and you should still see **Adventure Works** where you did before.