Video2\_

<http://emojione.com/>

<https://developer.android.com/studio/projects/index.html#ApplicationModules>

4\_ You can refer to the image in the same way that you refer to images in the drawable folder, except the resource type is called mipmap. Example:

<ImageView

android:width=“wrap\_content”

android:height=“wrap\_content”

android:src=“@mipmap/ic\_launcher” />

6\_

**Quiz: Add Image Assets To The App**

[**Asset Directory**](https://github.com/udacity/ud839_Miwok/tree/image_assets) for Miwok App

[**These are the changes needed to complete the quiz.**](https://github.com/udacity/ud839_Miwok/commit/6e850fb9bf3771b137c532e9ea1f8f8b093bac16) [**This is the state of the code after completing the quiz.**](https://github.com/udacity/ud839_Miwok/tree/6e850fb9bf3771b137c532e9ea1f8f8b093bac16)

7\_

<http://anitaborg.org/get-involved/systers/>

<https://design.google.com/devices/>

<https://github.com/udacity/ud839_Miwok/tree/6e850fb9bf3771b137c532e9ea1f8f8b093bac16>

8\_

<https://developer.android.com/guide/topics/resources/accessing-resources.html>

<http://emojione.com/>

9\_

**Quiz: Modify Word Class**

[**These are the changes needed to complete the quiz.**](https://github.com/udacity/ud839_Miwok/commit/e4091fb6c963be3a613ce7e073c7fdad7d588b2e)

[**This is the state of the code after completing the quiz.**](https://github.com/udacity/ud839_Miwok/tree/e4091fb6c963be3a613ce7e073c7fdad7d588b2e)

10\_

**Quiz: Multiple Constructors For Word Class**

Documentation about [**Providing Constructors for Your Classes**](https://docs.oracle.com/javase/tutorial/java/javaOO/constructors.html)

[**These are the changes needed to complete the quiz.**](https://github.com/udacity/ud839_Miwok/commit/088b799406820a3a6145744168b7e6862462202a) [**This is the state of the code after completing the quiz.**](https://github.com/udacity/ud839_Miwok/tree/088b799406820a3a6145744168b7e6862462202a)

Emoji art supplied by [**http://emojione.com**](http://emojione.com/)

<http://tutorials.jenkov.com/java/constructors.html>

11-

**Quiz: Modify The WordAdapter Class**

[**Android Flavor App**](https://github.com/udacity/ud839_CustomAdapter_Example) sample code which displays an image in each list item

[**These are the changes needed to complete the quiz.**](https://github.com/udacity/ud839_Miwok/commit/d0f2a2a6a58579d334c94d13af4b1fd3220afc96) [**This is the state of the code after completing the quiz.**](https://github.com/udacity/ud839_Miwok/tree/d0f2a2a6a58579d334c94d13af4b1fd3220afc96)

Emoji art supplied by [**http://emojione.com**](http://emojione.com/)

13\_**Quiz: Fix PhrasesActivity To Hide Images**

[**More info on “static” and “final” keywords**](https://docs.oracle.com/javase/tutorial/java/javaOO/classvars.html)

[**These are the changes needed to complete the quiz.**](https://github.com/udacity/ud839_Miwok/commit/b1c2ccba98a58f77d332529c07d95ccfba083224)

[**This is the state of the code after completing the quiz.**](https://github.com/udacity/ud839_Miwok/tree/b1c2ccba98a58f77d332529c07d95ccfba083224)

14\_**Quiz: Visual Polish**

Download the Miwok app redlines [**here**](https://d17h27t6h515a5.cloudfront.net/topher/2016/June/577054f6_miwok-redlines/miwok-redlines.pdf)! This .pdf file contains redlines on the categories screen, the numbers screen, and the phrases screen. The family and colors screens should mimic the numbers screen with the exception of their background color, specified in the category screen redlines.

**Hints:**

* [**G+ protip on text appearance**](https://plus.google.com/+AndroidDevelopers/posts/gQuBtnuk6iG) (from the last course)
* [**Layout weight**](http://developer.android.com/guide/topics/ui/layout/linear.html#Weight) (from the last course)

[**These are the changes needed to complete the quiz.**](https://github.com/udacity/ud839_Miwok/commit/3d00e8c7bb077adce9445212f785b79d0a906230) [**This is the state of the code after completing the quiz.**](https://github.com/udacity/ud839_Miwok/tree/3d00e8c7bb077adce9445212f785b79d0a906230)

16\_**Quiz: Different Background Colors For List Items**

[**These are the changes needed to complete the quiz.**](https://github.com/udacity/ud839_Miwok/commit/adf90d17fa802b2b5229d29faebee4b3991017b1)

[**This is the state of the code after completing the quiz.**](https://github.com/udacity/ud839_Miwok/tree/adf90d17fa802b2b5229d29faebee4b3991017b1)

18\_**Quiz: Reflection**

Emoji art supplied by [**http://emojione.com**](http://emojione.com/)

What apps can you make now that you couldn't before? Where could the skills from this lesson make your apps better? Share your thoughts on the [**discussion forum**](https://discussions.udacity.com/t/lesson-3-reflection/168267)!