**2\_Quiz: When To Use Arrays**

[**Java Data Types Summary Page**](https://docs.google.com/document/d/1A6RLePdvEp6JwvZhWH55fBz0t311Cl-vWFHZjypeo1k/pub?embedded=true)

3\_ **Quiz: Working With An Array**

To test your knowledge of how to work with arrays in code, answer the next quiz question.

If you would like another resource to reference for the correct way to create and initialize an array, check out this[**article**](https://docs.oracle.com/javase/tutorial/java/nutsandbolts/arrays.html).

See [**gist**](https://gist.github.com/kkuan2011/e0f7eea14ecd7e3a1e12) for 4 options of code

4\_**Quiz: Add Words To NumbersActivity**

[**These are the changes needed to complete the quiz.**](https://github.com/udacity/ud839_Miwok/commit/c4098ace79330648c2d47bcb976d4f27218d0898)

[**This is the state of the code after completing the quiz.**](https://github.com/udacity/ud839_Miwok/tree/c4098ace79330648c2d47bcb976d4f27218d0898)

5\_**Quiz: Verify Array Elements With Log Messages**

If you want more practice with arrays, check out the exercises on the CodingBats[**site**](http://codingbat.com/java/Array-1).

[**These are the changes needed to complete the quiz.**](https://github.com/udacity/ud839_Miwok/commit/b09aa1f9e991a4d2d236aa5728a3e7b5c4ae465d) [**This is the state of the code after completing the quiz.**](https://github.com/udacity/ud839_Miwok/tree/b09aa1f9e991a4d2d236aa5728a3e7b5c4ae465d)

7\_**Quiz**

[**List interface**](http://developer.android.com/reference/java/util/List.html?utm_source=udacity&utm_medium=course&utm_campaign=android_basics)

[**ArrayList class**](https://developer.android.com/reference/java/util/ArrayList.html?utm_source=udacity&utm_medium=course&utm_campaign=android_basics)

Here is a list of common Type Parameters: E - Element (used extensively by the Java Collections Framework) K - Key N - Number T - Type V - Value S,U,V etc. - 2nd, 3rd, 4th types

By convention, they are single, uppercase letters. Don’t worry, you won’t need to memorize these and for the rest of this course, we will explain the ones that do come up. Learn more about Generic Types [**here**](https://docs.oracle.com/javase/tutorial/java/generics/types.html).

**Note:** In the solution video, there is a typo and misreading in question #3. The answer should add "BBQ Time" instead of "BBQ Heaven". Guess I was really craving BBQ :)

11\_**Quiz: Add TextViews To Layout With While Loop**

[**These are the changes needed to complete the quiz.**](https://github.com/udacity/ud839_Miwok/commit/0d570a506a1b51f5333c7741c47e714d55c35ab2)

[**This is the state of the code after completing the quiz.**](https://github.com/udacity/ud839_Miwok/tree/0d570a506a1b51f5333c7741c47e714d55c35ab2)

12\_**Quiz: Use The For Loop**

As a hint, here is an example of a for loop:

for (int index = 0; index < 3; index++) { Log.v(“NumbersActivity”, “Index: “ + index + “ Value: “ + words.get(index));

}

Which results in the following output in the logs:

Index:0 Value:one

Index:1 Value:two

Index:2 Value:three

[**These are the changes needed to complete the quiz.**](https://github.com/udacity/ud839_Miwok/commit/b7c723c3c38c2c2ca9eb7067e34fb526052cfd34) [**This is the state of the code after completing the quiz.**](https://github.com/udacity/ud839_Miwok/tree/b7c723c3c38c2c2ca9eb7067e34fb526052cfd34)