**JUnitTesting**

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**JUnitTesting**

To test my WordCount() method from my WordCounter class, my testWordCount() method creates a temporary file that I will use later. I then add test phrases using a PrintWriter.

**Test Phrases**

* **“**hello world hello”
* **“**world hello”
* “hello world”

These phrases will allow me to predict the expected results in my ListViews for words and frequency.

I then need to test this file against my WordCount() method by inserting the test file.

Once my method is called, I can use assertEquals to test against my predictions.

Examples:

**Prediction for index 0 on wordsListView should be “hello”**

assertEquals("hello", wordCounter.wordsListView.getItems().get(0));

**Prediction for index 1 on wordsListView should be “world”**

assertEquals("world", wordCounter.wordsListView.getItems().get(1));

**Prediction for index 0 on frequencyListView should be “4” considering “hello” is counted 4 times.**

assertEquals((Integer)4, wordCounter.frequencyListView.getItems().get(0));

**Prediction for index 1 on frequencyListView should be “3” considering “word” is counted 3 times.**

assertEquals((Integer)3, wordCounter.frequencyListView.getItems().get(1));