**How To Run jUnit Test Code from the Command Line in MacOSX**

1. ***Download the .jar files.* Go to**[**https://github.com/junit-team/junit/wiki/Download-and-Install**](https://github.com/junit-team/junit/wiki/Download-and-Install)**and click the link for junit.jar. Find the row for the latest stable release then under the downloads column click 'jar' link. This will download a file junit-X.Y.jar. Repeat this again and download the latest stable release for hamcrest: download hamcrest-core-XX.YY.jar**
2. ***Create a jUnit Home folder*. We need to create a folder and put the .jars you downloaded into this folder. I suggest creating a java folder in your home directory by running cd && mkdir java. Then running cp ~/Downloads/{junit-X.Y.jar,hamcrest-core-XX.YY.jar} ~/java/ to copy the two .jars there. (replace X, Y, XX, YY accordingly). [Note: If the folder placement becomes an inconvenience, don't worry, you can change the jUnit folder at any later date].**
3. ***Edit your classpath*. We now need to edit our .bash\_profile file to add these files to our classpath (if you are using zsh edit your .zshrc file).**

**export JUNIT\_HOME="$HOME/java"**

**export PATH="$PATH:$JUNIT\_HOME"**

**export CLASSPATH="$CLASSPATH:$JUNIT\_HOME/junit-X.Y.jar:$JUNIT\_HOME/hamcrest-core-XX.YY.jar"**

**Now run:**

**javac BasicJavaP1Test.java.java**

**java org.junit.runner.JUnitCore BasicJavaP1Test**

**If everything is ok, then you will get an output like:**

**JUnit version 4.12**

**.**

**Time: 0.006**

**OK (1 test)**