

Problem 1:

A. (Javadoc)

- `javadoc -public -author -version -d ~/HW1/doc Counter.java`
- To create the author and version entries in the javadoc, the `-author` and `-version` flags must be used, respectively.

B. (JUnit)

- a. Compiles just fine
- b. Does not compile because the command does not point to the correct location where `junit.textui.TestRunner` is located, so it cannot open it
- c. Compiles just fine
- d. Does not compile. Without the `junit.textui.TestRunner`, the command cannot find the `TestRunner` program in the correct package, and thusly cannot run the test correctly.
- Use the command `java cp './usr/share/java/junit.jar' junit.swingui.TestRunner CounterTest` from within the HW1 directory. The results will pop up in a window, which could be easily rerun
- In order to not use the full path, an environmental variable `PATH` must be established so that the command can be typed in the future can be set without the command-switch.

C. (Eclipse)

- To specify the class path the the JUnit jar in the properties menu for the project, go to Java Build Path, Add Library, then select the JUnit version you wish to use. The library should be in there by default, if not it is easy to add the external jar to the project in the same window by selecting the file.