

## Software Development

## Mini Assignment 4

Due: October 18, 2018 at 23:55 on MyCourses

Redo Mini 1 using jUnit and JavaDoc. You can reuse your Mini 1 solution or use the Mini 1 solution provided on myCourses as your starting point for this assignment.

Do the following:

1. Replace all the comments you wrote in Mini 1 with JavaDoc comments.
2. Replace all the testing software you wrote in Mini 1 with jUnit testing software.
3. Create the JavaDoc
4. Run the map application. This should be the same code as you provided in Mini 1.
5. Run the jUnit tests. You can reuse as much testing code as you like from Mini 1, but make sure you are doing jUnit testing.
6. NOTE:
  - a. Your program still has two main() methods: for the map application & for testing.
  - b. Uses the same class identifiers.
  - c. See the Mini 1 assignment description if required.

## WHAT TO HAND IN

ZIP all the following into the file Mini4.zip (do not RAR):

- MapMain.java
- MapTest.java (and any other jUnit classes you may have created)
- Map.java
- The JavaDoc folder

The TA will need to be able to run both your application and your testing software. The TA must be able to view your JavaDoc on their browser formatted correctly.

## HOW IT WILL BE GRADED

For your assignment to be graded your program (a) must run, (b) did not use additional tools, and (c) followed the assignment instructions. You are doing this assignment on your own.

- +5 – Map application runs as described in Mini 1
- +5 – JavaDoc commenting in source code is sufficient
- +5 – JavaDoc displays on browser formatted correctly and is complete
- +5 – jUnit tests in source code are sufficient and use correct jUnit testing methods
- +5 – jUnit tests run correctly
- +5 – Student followed instructions