

## Software Development

## Mini Assignment 3

Due: February 22, 2018

Redo mini assignment 1 using jUnit and Javadoc. Reread the mini 1 assignment to remember.

Keep from mini 1:

- Pin.java
- PinMain.java
- Given the mini 1 solutions, make sure to fix/improve your Pin.java class

New to this assignment:

- Convert all your comments to Javadoc but stay true to comments-as-documentation as covered in class. Make sure this good commenting shows up in the html Javadoc.
- Convert your PinTest.java class into the jUnit way to do testing. Your testing needs to be as exhaustive as in mini 1. You are permitted to reuse code from mini 1.
- Given the mini 1 solutions and the TA comments/marking, make sure to fix/improve your testing algorithms.
- Make sure the naming convention you use for jUnit follows the well-designed principles from this course.

You are creating a well-designed program. I expect to see optimality, pretty code, and comments as documentation.

## WHAT TO HAND IN

- PinMain.java
- Pin.java
- The jUnit classes
- The Javadoc html/css files
- Zip everything into a single file.
- Make sure that everything is easy to run for the TA. If you need to make a README.TXT file to give the TA guidance, then please do.

## HOW IT WILL BE GRADED

For your assignment to be graded your program (a) must run, (b) followed the assignment instructions. You are doing this assignment on your own.

- +5 – Your improved Pin.java and PinMain.java (this may be free points for you if already good)
- +10 – Javadoc
- +10 - jUnit