Pre-Class Reading

Unit Testing With JUnit

Here is a list of materials you will need to read/watch in preparation for the next lab period. Read everything carefully to make sure you understand the concepts presented here. There will be a quiz on this material at the beginning of class.

Readings

Unit Testing

An overview of unit testing
http://softwaretestingfundamentals.com/unit-testing/

What is JUnit?

Brief overview of the purpose and features of JUnit
https://searchsoftwarequality.techtarget.com/definition/JUnit

Writing Unit Tests With JUnit

A brief introduction on how to use JUnit 4.
(Stop once you reach the "Exceptions Testing" section)
https://javacodehouse.com/blog/junit-tutorial/

JUnit 5

JUnit 5 is the most current version of JUnit and the version you will use in the labs. However, most Junit 5 information assumes a knowledge of JUnit 4. Now that you have read about JUnit 4, read this article that describes the differences between JUnit 4 and JUnit 5.
https://www.baeldung.com/junit-5-migration