# Java I Test/Assignment Rubric

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| Instructor | Prof. Krotkiewicz | Office | B1055 |
| Office Hours | Tues: 6:30pm – 8:30pm / Wed : 5:30pm – 7:30pm | E-mail | [Jonathan.Krotkiewicz@saultcollege.ca](mailto:Jonathan.Krotkiewicz@saultcollege.ca) |
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### **Overview**

Theory tests and quizzes are worth 60% of your final grade:

* Quizzes (20%)
  + There will be 5 quizzes
* Tests (40%)
  + There will be 4 tests

Laboratory work (Assignments) are worth 40% of your final grade:

* The laboratory work will be in the form of take home assignments
  + An assignment will be given every two weeks.
  + Assignments are to be uploaded to the LMS and completed by the due date.
  + I will typically give 1 week for an assignment.

### **Grading Evaluation**

The grading of assignments will be based on industry best practices and standards as follows:

**Documentation (20%)**

* Code is to be commented clearly and concisely.
* This includes having each class and method documented with its high-level purpose, overall functionality, and special notes.
* **In-class tests** are exempt from documentation due to time constraints.
* See “Documenting Code Example” for an example.

**Readability/Organization (20%)**

* Code should be modular and understandable.
* In the industry, many others will be reading your code; it is a very valuable skill to master readability.
* <https://code.tutsplus.com/tutorials/top-15-best-practices-for-writing-super-readable-code--net-8118>

**Validation/Correct Output (60%)**

* The program should be able to handle a set of various input tests and provide a correct output based on a question’s criteria.
* Assignment questions will have an example of the program’s input and the desired output.

### **Resources**

* <https://github.com/sdmg15/Best-websites-a-programmer-should-visit>
* https://en.wikibooks.org/wiki/Java\_Programming

### **Documenting Code Example**

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\* CSD211 Fall 2017

\* Assignment 1: Question 1

\* Desc: Displays welcome as input

\*/

**public** **class** Welcome {

/\*

\* Input: An optional array of strings.

\* Output: A message that displays the classic “Hello World.”

\* Desc: The purpose of this method is simply to display “Hello

\* world” to the user.

\* Special Note: N/A

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**public** **static** **void** main(String[] args) {

//Display message Welcome to Java! on the console.

System.*out*.println("Hello world!");

}

}