**CIS163 Lab 3**

**See how you are doing on Project 1**

**This will be the only time we use Lab time to go over a project.**

**Preparation:**

* Complete all parts of project 1 (except the GUI part if you want to)
* Attended class and stayed up to date with class material

**Objectives** (after completing the lab you will be able to do:)

* Run prepared test cases on your project 1.
* Use references in debugging
* Work with partner on Project 1

**Why/Purpose: We are in person in lab with social distancing, let’s make sure you are ready for project 1 demonstration next week.**

**Activities: (DO ALL *Task’* )**

**Watch instructor doing part of this lab. (*Task’* Take notes)**

* **The instructor will explain what will happen when project 1 is due.**
  + **You can not change your project code after lab starts**

**Your activities**

**Run my set of test cases**

**Run your test cases with coverage**

**Run GUI (if you have it ready)**

**Be sure to be able to reach almost all methods from GUI.**

**Screen share your results**

**Documentation (JSG) Only the Stopwatch Class will be graded**

**Share your screen to show your JSG.**

**Print out your project 1.**

**Test cases (LOTS of them) must be organized.**

**Group them – e.g., all test cases for equals in a group, etc.**

**Be sure you are testing one concept per test case**

**Be sure to test everything in different ways**

**100% coverage**

**Please put some comments in per test case (1 sentence)**

1. ***Task’*** Using IntelliJ open your project 1
2. ***Task’*** Run debugger and fix errors
3. ***Task’* Complete your GUI.**