

**CSC 115 Test 2, which will be given on Thursday, May 4, 2017 from 10:00 AM - 11:30 AM, PST — *ONLINE***

- The test is comprehensive, i.e. covers all material from the beginning of the semester through last Thursday.
- For this test it is important that you understand computer science concepts, general logic, and the ability to apply such logic to solve problems; test material may include:

**- Problem Solving**

- Variables
  - Including typing and why it is important
- Assignment statements
- Constructs:
  - Conditionals (if-statements)
  - Looping (for, while, repeat)
- Pseudo-code
- Knowledge of counters and how to apply them
- An understanding of Random Number generation
- Knowledge of how to use Scratch, Java, and some Python
  - Students may be asked to create program fragments
- Students may be asked to describe what a program does and the corresponding output it may produce for a given input
- Counters
- Graphics in Scratch
- Given the following components, write a program that...



- ***Format will be similar to that on the previous test***