CPS 210 Potential Topics on Final

HOW TO STUDY:

- Read over each lecture. (11 through 14)
- Complete all of your labs! (12 through the last lab)
- Be sure to look at my lab solutions AFTER you have done the lab problems. You CANNOT study by simply reading the solutions.
- Any questions that you have trouble on: look over my solution, mark down any important notes, and walk away from it. Come back to it and try solving it again. Ask me or your TA for clarification/help if needed.

IMPORTANT INFORMATION:

Date: 12/16

Location: CSB AUD (regular classroom)

Time: 12:30 PM — 2:30 PM

Module 11 — ArrayLists:

1. How to use Math.random()

2. What are Wrapper classes and how to use

3. ArrayLists: how to create, add to, get values, etc. Anything we have gone over in lecture and lab may be on the final.

Module 12 — Strings:

1. Strings: How to create, grab values, manipulate, use in method, etc. Anything we have gone over in lecture and lab may be on the final.

Module 13 — Files:

1. Creating files using the File class.

2. How to read files by using Scanner. Understand the different methods needed from the Scanner class to read in data.

3. How to read in CSV files and access each piece of data.

4. How to add each piece of data to an ArrayList or array.

5. How to use the data retrieved to use in a method.

Module 14 — Recursion:

1. Know how to make a simple recursive call to print and/or compute a calculation (sum, count, product, etc.)