CS170 Final Exam Study Guide – Spring 2013

Details:
Tuesday, May 7th, 12:30-3pm
MSC, E208 (Note: this is NOT the usual classroom)

Closed book, closed notes, no calculator.

Format:
The final will have fewer code writing questions than previous exams. It will be composed primarily of "easy to grade" questions (we do have to grade 120+ of these exams in less than 24 hours after all) such as multiple choice ("chose the best answer..."), fill in the blank, multiple answer ("choose all of the following which..."), and code tracing ("give the output of this program/function..."). The exam will have a scantron portion, so you will need to bring a pencil and a good eraser. We **<u>WILL NOT</u>** have extra pencils for you to borrow so be prepared.

The exam will have 150 points. You will have the full 150 minutes (2.5 hours) to work on the exam. Each point equates to approximately 1 minute of effort. Thus, if a problem is worth 2 points, you should be able to answer it in approximately 2 minutes. Use this feature of the exam to pace yourself and gauge how much time you should spend on any one problem. If a problem is worth 5 points, don't spend 25 minutes on it!

The exam will contain (approximately!) 25% material from Exam 1, 25% material from Exam 2, and 50% new material.

Extra practice:
- [Many Midterms (Exams 1 and 2) from past semesters.](#)
- [www.codingbat.com/java](#)   Excellent site for practicing specific concepts (if-stmts, loops, logic problems, arrays, etc). Can write solutions to problems in browser and run against test cases. Also has help files and videos (scroll to bottom of page). Make sure you are looking at the Java problems as the site has both Java and Python.
- Textbook, end of chapter problems. We have covered Chapters 1-6, some of Ch. 7, Chapter 8-9, some of Ch. 10, and some of Ch. 20.
- [A sheet of recursion problems for practice.](#)