This assignment is not for credit. Any submitted solution will be corrected and returned, but the grade won't count.

**Problem 1:** Solve Spring 2015 Final Exam Problem 4. Part (a) is a fill-in-the-blanks cache question. Part (b) asks about the hit ratio of a simple program. These two parts are very similar to problems asked on almost every prior final exam. It would be a good idea to study these to the point where they can be answered in under 40 seconds (but on the real exam take it a bit more slowly). Part (c) asks about the performance of a code fragment on a particular cache. This part requires actual thinking.