HW 0 ANSWERS

Sundry:

- Worked on homework independently.
- Name(s): Shawn Shacterman
- Email(s): shawnshact@berkeley.edu

1. Administrivia:

(a) http://www.eecs70.org

(b) Homework: 10%, Midterm 1: 25%, Midterm 2: 25%, Final: 40%

2. Course Policies

(a) Yes. Solutions must always be written up individually.

(b) No. Students are encouraged to work on problems collaboratively, as long as the solution is written independently and proper credit is given to any assisting sources.

(c) Yes. While students have the option of turning to books or online resources, the course policies state that at no time should a student be in possession of another student's solution. Even though Erin did not copy the material verbatim (and the solution did not necessarily belong to another student in the class), she still viewed another person's solution (as opposed to an approach/clarification) which violates the course policies.

(d) Yes. Sending or copying solutions is unacceptable, regardless of any attribution of credit.

(e) Yes. The course policies state that at no point should a student have possession of another student's solution.

3. Use of Piazza

(a) 13

(b) Depending on the difficulting of proving Theorem XYZ, I would probably encourage the student to go to office hours rather than posting on Piazza (5 minute test). Additionally, posts on Piazza are supposed to be narrow and precise, and it is not the job of TAs or fellow students to rewrite the course notes. I might encourage the student to specifically refer to the part of the proof they are struggling on.

4. LaTeX

(a) $\forall x \exists y ((P(x) \wedge Q(x, y)) \implies x \leq \sqrt{y}$

(b) $\displaystyle\sum_{i=0}^{k} i = \frac{k(k+1)}{2}$