

COMP 550, Spring 2015

Assignment 8

DUE: 9:05 Apr 24, 2015

- 1) (15') CLRS 16.1-3 on page 422
- 2) (20') CLRS 16.2-7 on page 428
- 3) (10') CLRS 23.1-2 on page 629
- 4) (15') CLRS 23.1-6 on page 630 (you may use the claim from CLRS 23.1-3)
- 5) (15') CLRS 24.3-6 on page 663
- 6) (25') CLRS 24-3 on page 679

HW8 will be returned right after the final exam. If you prefer to have it back early, you may choose to:

(a) hand it in on Apr 22 (Wed), and collect it with the solution together on Apr 24 (Fri);

(b) collect it during the office hours on Apr 29 – May 1 (specific time TBD).

Your total HW grade (??./25) will be put on the second page of your HW8 as well. If you have any questions regarding the grade, please email me or come to me in the office hour after the final exam (specific time TBD, please keep an eye on the course website).

Rules for ALL HWs (in addition to the statements in the syllabus):

You are encouraged to discuss the problem sets and study together in group, but when it comes to formulating/writing solutions you must work alone independently; i.e., you should be able to explain your answer clearly to anyone else. Note that this says discuss in group — copying homework solutions from another student, from the Internet, solution sets of friends who have taken this course or one similar to it previously, or other sources will be considered **cheating** and referred to the student attorney general.

*You must include a **signed honor statement** with each submission explicitly listing the people you worked with and stating that you completed the assignment in accordance with these rules.*