1) (5’) CLRS Exercise 13.1-5 on page 312
2) (6’) CLRS Exercise 13.2-3 on page 314
3) (24’) CLRS Exercise 13.3-3 on page 322

*This is the second part of HW5 with 35 points. Your score of HW5 will be the sum of the two separated parts (100 points total).

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.