

## Homework 10

### Instructions

1. Please review the grading policy outlined in the course information page.
2. You must also write down with whom you worked on the assignment. If this changes from problem to problem, then you should write down this information separately with each problem.
3. Problem numbers (like Exercise 3.1-1) are corresponding to CLRS 3<sup>rd</sup> edition. While the 2<sup>nd</sup> edition has similar problems with similar numbers, the actual exercises and their solutions are different, so make sure you are using the 3<sup>rd</sup> edition.
4. “Implement” here means write pseudocode, not actual code on a computer.

### Problems

1. (25 pts) Exercise 23.1-3.
2. (25 pts) Exercise 23.2-2.
3. (25 pts) Exercise 23.2-4.
4. (25 pts) Exercise 23.2-5.
5. (25 pts) Exercise 24.1-3.
6. (25 pts) Exercise 24.2-2.
7. (25 pts) Exercise 24.3-4.
8. (Extra credit 40 pts) Problem 23-1.
9. (Extra credit 30 pts) Exercise 23.1-11.
10. (Extra credit 30 pts) Problem 24-2.