CS 5800: Algorithms Virgil Pavlu

## Homework 2

## **Problems**

- 1. (Extra Credit) Implement MergeSort without recursive calls.
- 2. (5 pts) Exercise 6.1-4, explain why.
- 3. (5 pts) Exercise 6.1-6, explain why.
- 4. (10 pts) Exercise 6.2-1.
- 5. (10 pts) Exercise 6.3-1.
- 6. (15 pts) Problem 6-2.
- 7. (5 pts) Exercise 7.2-1.
- 8. (5 pts) Exercise 7.2-2, explain why.
- 9. (5 pts) Exercise 7.2-3.
- 10. (15 pts) Exercise 7.4-1.
- 11. (15 pts) Exercise 7.4-2.
- 12. (10 pts) Exercise 7.4-3.
- 13. (Extra Credit) Problem 6-3.