

**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. (Optional, no credit) 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. (Optional, no credit) Problem 6-3.