

# Assignment 1

1. Problem 3-1 on p. 57
2. Problem 3-2 on p. 58
3. Problem 4-5 on p. 86
4. Problem 6-1 on p. 142
5. Problem 7-4 on p. 162
6. Prove correctness (including halting) of SelectionSort (use loop invariants)
7. Provide worst and average case runtime analysis of SelectionSort
8. Provide runspace analysis of SelectionSort