

CS314: Algorithms

Homework 5

Required Problems

1. Problem 6 from Chapter 4 of the text (on page 191)

2. Problem 18 from Chapter 4 of the text (on page 197)

3. Extra Credit: Problem 2 from chapter 4 on page 189

Note: You may do either a or b (or both) for extra credit, so feel free to try one but not the other. Also, remember that you need to prove or give a counterexample to your answer to get any credit!