

Homework 8

22C:44 Algorithms
Due Tuesday, May 14, 2002

1. Solve Problem 22-2 (c) and 22-2 (d) (pages 558-559) in the textbook. The problems are easy if you understand the definitions at the beginning of the problem, follow the example in Figure 22.10, and understand what parts (a) and (b) are asking. Note that you do not have to solve part (a) and (b) of the problem.
2. Solve Problem 23.2-8 (on page 574) in the textbook. The hint is that the algorithm does not work and simple counterexamples are possible.
3. Solve Problem 24.3-1 (on page 600).
4. Solve Problem 24.1-1 (on page 591).