

CSE 326b DATA STRUCTURES HOMEWORK 7

Due: **Friday, March 7, 2008** at the beginning of class. Please put your quiz section (BA, BB) in addition to your name at the top of your homework

Problem 1. Disjoint Sets

- a) Weiss problem 8.1 (b) and (c) only. You do not need to show all the intermediate results, but, as usual, including at least some of them will help us if it is necessary to award partial credit.
- b) Weiss problem 8.2.
- c) Weiss problem 8.4.

Problem 2. Topological Sort

- a) Weiss problem 9.1. Use a queue during the sort, and assume that the vertices appear on an adjacency list in alphabetical order.
- b) Weiss problem 9.2.