Homework Assignment 2, Part b

Due: Thursday, October 4, 2001

Reading:

Sections 6.4-6.6; Section 7.1 (but just the overview to 7.1.3), 7.3; Sections 8.1-8.3.

Basic Problems:

1. Exercise 7.1. Specifically, (a) prove that no execution of the algorithm can produce more than the number of values you specify, and (b) describe an execution in which that number of values is actually produced.

2. Exercise 8.5.

Regular Problems:

3. Exercise 6.33

4. Exercise 6.42
   Hint: You may want to perform several Byzantine agreements algorithms simultaneously in order to solve this problem.

5. Exercise 7.16

6. Exercise 8.8.