

# CSCI 1323 (Discrete Structures), Spring 2001

## Homework 19

**Assigned:** April 12, 2001.

**Due:** April 19, 2001.

**Credit:** Not for credit.

### 1 Problems

1. Do problem 1 on p. 247 of the textbook.
2. Do problem 3, part (a), on p. 247 of the textbook.
3. Do problem 10, parts (a) and (b), on p. 249 of the textbook.
4. Do problem 15 on p. 250 of the textbook.
5. Do problem 20, part (b), on p. 251 of the textbook.
6. Do problem 25, part (a), on p. 252 of the textbook.
7. (Optional — interesting, but long) Do problem 31 on pp. 253–255 of the textbook.
8. Do problem 33, parts (a) and (b), on p. 256 of the textbook.
9. Do problem 7 on p. 265 of the textbook. (This problem uses the same input as problem 2, but you should be able to complete it without doing problem 2.)
10. Do problem 8, parts (a) through (f), on p. 302 of the textbook.
11. Do problem 20 on p. 303 of the textbook.
12. Do problem 49 on p. 308 of the textbook.