

CSCI 1323 (Discrete Structures), Spring 2013

Homework 7

Credit: 20 points.

1 Reading

Be sure you have read sections 4.1, 4.2, and 4.4 of the textbook.

2 Problems

Do the following problems. You do not need to turn in answers for the ones marked “Not to turn in”. Most such problems will be those for which the textbook provides an answer in the back of the book, so you can check your work.

1. (Not to turn in.) Do problem 1 on p. 301 of the textbook.
2. (Not to turn in.) Do problem 12, parts (a) and (b), on p. 303 of the textbook.
3. (5 points) Do problem 21 on p. 304 of the textbook.
4. (Not to turn in.) Do problem 42 on p. 309 of the textbook.
5. (5 points) Do problem 12 on p. 318 of the textbook.
6. (Not to turn in.) Do problem 10, parts (a) through (d), on p. 356 of the textbook.
7. (5 points) Do problem 11, on p. 356 of the textbook.
8. (Not to turn in.) Do problem 30, on p. 358 of the textbook.
9. (Not to turn in.) Do problem 32, part (a), on p. 358 of the textbook.
10. (Not to turn in.) Do problem 34, on p. 358 of the textbook.
11. (5 points) Do problem 59 on p. 361 of the textbook.
12. (Not to turn in.) Do problem 60 on p. 320 of the textbook.