

CSCI 1323 (Discrete Structures), Spring 2013

Homework 5

Credit: 40 points.

1 Reading

Be sure you have read sections 2.5 and 2.6 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. 164 of the textbook.
2. (5 points) Do problem 5 on p. 165 of the textbook.
3. (Not to turn in.) Do problem 7 on p. 165 of the textbook.
4. (Not to turn in.) Do problem 10 on p. 165 of the textbook.
5. (5 points) Do problem 11 on p. 165 of the textbook.
6. (Not to turn in.) Do problem 23 on p. 167 of the textbook.
7. (5 points) Do problem 24 on p. 167 of the textbook.
8. (Not to turn in.) Do problem 39 on p. 168 of the textbook.
9. (5 points) Do problem 40 on p. 169 of the textbook.
10. (Not to turn in.) Do problem 15 on p. 179 of the textbook.
11. (5 points) Do problem 16 on p. 179 of the textbook.
12. (5 points) Do problem 17 on p. 179 of the textbook.
13. (Not to turn in.) Do problem 18 on p. 179 of the textbook.
14. (Not to turn in.) Do problem 19 on p. 179 of the textbook.
15. (Not to turn in.) Do problem 20 on p. 179 of the textbook.
16. (5 points) Do problem 21 on p. 179 of the textbook.
17. (5 points) Do problem 22 on p. 179 of the textbook.