Discrete Mathematics

Homework 2

Due 2:20 pm, March 29, 2011

The following are exercises which you can practice at the Lab sessions or at home. The textbook gives out answers or hints. DO NOT hand in your solutions.

- Exercises 2.1.6 .

- Exercises 2.2.2, 2.2.3, and 2.2.5 .

- Exercises 2.3.3, 2.3.4, 2.3.6, 2.3.14, 2.3.25, 2.3.26, and 2.3.29 .

- Exercises 2.4.8, 2.4.11, 2.4.14, 2.4.22, and 2.4.30 .

- Exercises 2.5.3, 2.5.7, 2.5.12, and 2.5.14, .

The following are homeworks. You MUST hand in your solutions by the due date.

1. Exercise 2.1.5
2. Exercise 2.1.13
3. Exercise 2.1.14
4. Exercise 2.1.24
5. Exercise 2.2.6
6. Exercise 2.2.12
7. Exercise 2.2.13
8. Exercise 2.2.16
9. Exercise 2.2.21
10. Exercise 2.3.15
11. Exercise 2.3.16
12. Exercise 2.3.18
13. Exercise 2.3.21
14. Exercise 2.3.30
15. Exercise 2.4.12
16. Exercise 2.4.13
17. Exercise 2.4.16
18. Exercise 2.4.21
19. Exercise 2.4.31
20. Exercise 2.4.32
21. Exercise 2.5.11
22. Exercise 2.5.15
23. Exercise 2.5.18
24. Exercise 2.5.19
25. Exercise 2.5.21

PLEASE NOTE, NO EXCEPTION

- Homework is due **before the class begins** on March 29, 2011. Late homework will not be accepted.

- Do the homework by yourself. Discussion among peers is encouraged but **copying from others is a shame**.