

**Problem Set 1**  
CSCE 658 Randomized Algorithms  
Andreas Klappenecker

**The assignment is due next Friday, Sep 09, before class.**

**Solve**

1. Exercise 2.2 in the lecture notes.
2. Exercise 2.5 in the lecture notes.
3. Exercise 2.6 in the lecture notes.
4. Exercise 2.9 in the lecture notes.
5. Exercise 2.10 in the lecture notes.

Read Chapter 1 in the textbook, and chapters 1 and 2 in the lecture notes.

Typeset your solution in  $\text{\LaTeX}$  or write very neatly!