Problem Set 7
CPSC 411 Analysis of Algorithms
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The assignment is due next Monday, April 6, 2009, before class.

Warm up Exercises

Exercise 1. Solve Exercise 1.2 in the lecture notes “A Brief Introduction to Probability Theory”.

Exercise 2. Solve Exercise 1.3 in the lecture notes “A Brief Introduction to Probability Theory”.

Exercise 3. Solve Exercise 1.5 in the lecture notes “A Brief Introduction to Probability Theory”.

Exercise 4. Solve Exercise 1.6 in the lecture notes “A Brief Introduction to Probability Theory”.

Exercise 5. Solve Exercise 1.7 in the lecture notes “A Brief Introduction to Probability Theory”.

Exercise 6. Solve Exercise 1.11 in the lecture notes “A Brief Introduction to Probability Theory”.

An Interesting Application.

Exercise 7. Solve Problem 5-1 a) on page 118 of our textbook.

Exercise 8. Solve Problem 5-1 b) on page 118 of our textbook.