

Problem Set 5
CPSC 411 Analysis of Algorithms
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The assignment is due next Wednesday, Mar 11, 2009, before class.

All exercises are taken from our textbook.

Exercise 1. *Solve Exercise 17.1-2 on page 409.*

Exercise 2. *Solve Exercise 17.1-3 on page 410.*

Exercise 3. *Solve Exercise 17.2-2 on page 412.*

Exercise 4. *Solve Exercise 22.3-4 on page 548.*

Exercise 5. *Solve Exercise 22.3-8 on page 548.*

Exercise 6. *Solve Exercise 22.3-10 on page 549.*

Please collect interesting applications of graph theoretic algorithms and send them to me.