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.