

Problem Set 8
CSCE 411
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The assignment is due on Monday, Nov 21, 2011, before class.

Carefully read Chapter 34.

Exercise 1 (15 points). *Exercise 34.1-1 on page 1060.*

Exercise 2 (15 points). *Exercise 34.1-2 on page 1060.*

Exercise 3 (10+10 points). *Exercise 34.1-5 on page 1061. [Hint: For the second part, consider what might happen to the arguments]*

Exercise 4 (15 points). *Exercise 34.2-3 on page 1065.*

Exercise 5 (15 points). *Exercise 34.4-5 on page 1086.*

Exercise 6 (20 points). *Exercise 34.5-1 on page 1100. Hint: CLIQUE \leq_p SUBGRAPH-ISOMORPHISM PROBLEM.*