CS 561, Study Problems

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NOT for Turnin - Just for Review for Final

1. Problem 26-3 from our textbook (Algorithmic Consulting)

2. Exercise 34.5-2 from textbook (0-1 Integer Programming)

3. Exercise 1 from Lecture 23 of Jeff Erickson's notes (http://web.engr.illinois.edu/ jeffe/teaching/alg

4. Exercise 5 from Lecture 24 of Jeff Erickson's notes

5. Exercise 8 from Lecture 24 of Jeff Erickson's notes

6. Problem 34-2 from our textbook. For this problem, it may be helpful to use the fact that SUBSET-SUM is NP-Hard. See Section 34.5.5 for a definition of SUBSET-SUM. (You only need to read the definition in this section, not the reduction that proves that SUBSET-SUM is NP-Hard)

7. Problem 34-4 from our textbook