

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 1 from Lecture 23 of Jeff Erickson's notes (<http://web.engr.illinois.edu/jeffe/teaching/alg>)
3. Exercise 6 from Lecture 24 of Jeff Erickson's notes
4. Exercise 8 from Lecture 24 of Jeff Erickson's notes
5. Exercise 9 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. Exercise 34-2 from textbook (Bonnie and Clyde)
8. Problem 34-4 from our textbook (Scheduling with Profits and Deadlines)