

Spring 2013 CS 401 Homework 2

State all necessary assumptions clearly. Due date: Feb 21, 2013, in class
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Instructions:

1. If a problem asks you for an algorithm, give the algorithm at a sufficient level of detail.
2. If some problem does not ask for a proof of correctness, you should still include at least an informal argument/proof of correctness of your answer.

Problems:

1. Problem 3.5
2. Problem 3.7
3. Problem 3.8
4. Problem 3.10
5. Problem 4.9
6. Problem 4.13
7. Problem 4.17
8. Problem 4.22