## CSE 521: Design and Analysis of Algorithms

Assignment #4

due: Tuesday, Nov 1. 10:30AM

Each problem is worth 10 points. KT refers to *Algorithm Design*, First Edition, by Kleinberg and Tardos. "Give an algorithm" means pseudo-code, a high-level explanation and a proof of correctness. See the website for more grading guidelines.

- 1. KT, Chap 6, Problem 8
- 2. KT, Chap 6, Problem 11
- $3.\,$  KT, Chap 6, Problem  $22\,$
- 4. KT, Chap 6, Problem 24