CS180 Homework 5

Due: 8:00pm, 2/15/2018

In Algorithm Design:
Problems 4.25; 4.28; 6.4; 6.6; 6.12.

★ Homework assignments are due on the exact time indicated. Please submit your homework using the Gradescope system. Email attachments or other electronic delivery methods are not acceptable.

★ Make sure you start each problem on a new page. Match the pages for each problem when you submit in the Gradescope. Do not submit raw photo of your homework.

★ We recommend to use LaTeX, LyX or other word processing software for submitting the homework. This is **NOT** a requirement but it helps us to grade the homework and give feedback. For grading, we will take into account both the correctness and the clarity. Your answer are supposed to be in a simple and understandable manner. Sloppy answers are expected to receiver fewer points.

★ Unless specified, you should justify the correctness and time complexity of your algorithm.