Analysis of Algorithms  
CS 375, Fall 2018  
Homework 12  
Due AT THE BEGINNING OF CLASS Monday, November 5

- **Reading Assignment:** From your textbook (Levitin), read Chapter 5 up to (and including) Section 5.3.

- **A general note:** When writing up your homework, please write neatly and explain your answers clearly, giving all details needed to make your answers easy to understand. Graders may not award credit to incomplete or illegible solutions. Clear communication is the point, on every assignment.

**Exercises**

1. Exercise 5.1.2. (You may not use the Master Theorem to solve the recurrence for this exercise—please use some other method.)

2. Exercise 5.3.1.