

Analysis of Algorithms

CS 375, Fall 2018

Homework 9

Due **AT THE BEGINNING OF CLASS** Monday, October 22

- **Reading Assignment:** From your textbook (Levitin), please finish reading Ch. 4.
- *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. Please finish the exercises given to you as part of the class presentations last Wednesday. Recall that each team will be grading the exercises they gave the class, so when you do the exercises, **please turn in each team's exercise(s) on a separate sheet of paper.**
2. Exercise 4.5.12. Please give your algorithm and give a bound on its worst case complexity (in terms of the number of flips of a stack of n pancakes).