

Analysis of Algorithms
CS 375, Fall 2019

Homework 13

Due **AT THE BEGINNING OF CLASS** Monday, November 11

- From your textbook, please read CLRS Chapter 15, pages 359–360, 378–396.
- *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. CLRS Exercise 15.4-1 (pg. 396). This exercise is intended to give you practice with the algorithm in Section 15.4—as part of your answer, please show the table constructed (see Figure 15.8) for this example.

Important Note: In addition, by the deadline for this HW, please finish the exercises given to you as part of the class presentations on Wednesday. (Collectively, those exercises will be graded as a separate HW assignment, not part of HW13, but they’re also due on Nov. 11.)

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.**