

Analysis of Algorithms  
CS 375, Fall 2022  
Smaller Assignment 6  
Due **11:59pm** Thursday, December 1

- For this Smaller Assignment, as long as you submit an answer with a demonstrable, strong effort to solve the problems and explain your answers thoroughly—including, if you were not able to solve an exercise, what progress you made, what was left unsolved, and what made it hard to solve—if you do not receive full credit, you will be able to revise your answer after receiving feedback, to bring your grade up to full credit!
- For this Smaller Assignment, the standard file naming conventions apply: Please submit your typewritten answers in a PDF file named

CS375\_SA6\_<userid>.pdf

where <userid> is replaced by your Colby userid (your full userid, including class year) and submit it to your **SubmittedWork** folder in your Google drive space for this course.

- *A general note for CS375:* As always, please present answers cleanly and **explain them clearly and thoroughly**, giving all details needed to make your answers easy to understand; typed-up (rather than handwritten) answers are especially appreciated. Graders may not award full credit to incomplete or illegible solutions. Clear communication *is* the point, on every assignment.

In general in CS375, unless explicitly specified otherwise, answers without explanations may not receive full credit. Please feel free to ask me any questions about explanations that might come up!

## Exercises

1. CLRS exercise 25.2-1 (pg. 699). Be sure to show all the requested matrices; no other explanation of your answer is necessary.