Fall 2016—CS 42 Midterm Exam #2
Due back to Olin 1279 no later than Sunday, November 6 at 5pm.

Instructions

Starting the exam: Once you’ve read any page after this one, you’ve started the exam. Once you’ve started, you must complete it within the time limit. There’s a staple in the lower-right corner to help prevent you from starting earlier than you intended. Remove the staple before you start the exam.

Time: This is a 75-minute, take-home exam. You may take longer if you have a documented accommodation need; please be sure to note your accommodation below.

Resources: You may use one, 8½” by 11” sheet of notes that you have prepared by yourself. You may not use any other resources, including the web, DrRacket, Python, etc.

Assumptions: If a problem describes a function’s input types (e.g., a list of integers), you may assume that the function will receive only those inputs; you do not need to write code that handles other types of input. If you make other assumptions to answer a question, be sure to state your assumptions.

Strategy: Read over the entire exam before you work on any of the problems. Work to maximize points. Be sure to explain the reasoning that supports your answers. Partial credit is available for partial solutions. If you can’t produce a solution but believe you can still demonstrate some knowledge about a question, leave me a note that conveys your knowledge.

Legibility: Your writing must be legible and your intent clear. I will have to ignore anything that I cannot easily read and understand. If you need it, you can use the backs of pages for your answers.

Completing the exam: As soon as possible after you are done, restaple your exam in the lower-right corner. Return your exam to Olin 1279 no later than Sunday, November 6 at 5pm. Note that this means you should probably start before Sunday at 3pm, so that you have enough time to return the exam. Late exams will incur a severe penalty.

Honor code. You may study for this exam with other people in the class. You must complete this exam (and any notes for the exam) on your own. You cannot share or distribute this exam. You cannot discuss the exam with anyone in the class until after the due date. You can never discuss the exam with anyone who is not in CS 42. You cannot use more resources (e.g., time, notes, a computer) than those explicitly described above.

If you have any questions about the rules, please ask before you start the exam.

Your name: ____________________________________________

Exam start date & time: ________________________________

Exam end date & time: ________________________________

Accommodation? ____________________________________________

Your signature: ____________________________________________

Be sure to fill out this page and restaple your exam before you turn in.