The final exam is linked below in the starter files. You’ll be writing all of you answers in the notebook as well as adding to the included python module. Any clarifications or updates to the exam will be posted on Piazza. During the exam period, you may not ask non-private questions on Piazza, and I will only be answering clarification questions, not providing the type of assistance I normally provide on homeworks. Please note the collaboration and academic honesty policies for this exam:

• You may look at any assigned or optional readings from the course (all posted on Moodle). You may also look at any other materials posted on Moodle.

• You may also look at notes you took or homeworks you submitted. You may ask me or your partner for a copy of homework you submitted if only your partner had a copy.

• You may look at official documentation for Python (https://docs.python.org/3/) or at the matplotlib/pyplot API documentation (http://matplotlib.org/api/pyplot_summary.html, and clicking on the function links to learn more about a function is permitted).

• You may look at the assigned sections about probability from the CMU OLI course that you worked through on previous homeworks.

• You may ask to look at solutions to previous homeworks, and you may view these in my office. You will not be given a hardcopy of these solutions or an electronic copy, but you may take your own notes about them if you wish.

• You may not look at any other resources, on the internet or elsewhere. This includes, but is not limited to, looking up general ideas (e.g., reading a wikipedia page about topic X), asking questions on a forum outside of our class, or searching for specifics about particular programming or mathematical topics.

• You may not discuss this exam with anyone else, either in the class or not in the class. “Discussing the exam” is any conversation about the exam - this includes things like asking whether it’s hard or asking someone how much time it takes.

If you have any questions about the collaboration policy, please ask. As noted in the syllabus, if I suspect academic dishonesty, I will refer the case for appropriate action to the Academic Standing Committee (ASC) via the Associate Dean of Students or the Associate Dean of the College. Please familiarize yourself with Carleton’s academic integrity policies. Any student who is found responsible for academic dishonesty in this course will receive an F for the course - I really do not want to see that happen.

If you have clarification questions, please feel free to ask in office hours or privately on Piazza; if I believe your clarification is useful for everyone, I'll ask you to make it public. Good luck!

Due date: This exam is due on Tuesday, May 24, at 11PM. As it is an exam, extensions will generally not be considered except in extenuating circumstances, such as medical issues or personal issues requiring consultation with your class dean.

Files: The files for the exam are here.