

About the Midterm

The midterm will be a timed take-home exam. It will be posted on the course website on the evening of March 13 and will be due March 17 by 5pm. You must return the exam to Ms. Donna O’Leary in Room 410 in the Computer Science building.

The exam is 3 hours long and closed book, except that you may refer to the pseudocode handout available from the course webpage (be sure to print it out in advance). No collaboration or consultation will be allowed, and you will sign the honor code at the end.

The exam covers lectures and readings up to March 9 (Turing machines and undecidability).

Questions to expect

- 1) Writing simple pseudocode and doing simple estimates of efficiency.
- 2) Tests of understanding of robot pseudocode and Turing-Post programs.
- 3) Short questions that test conceptual understanding of assigned readings and lecture material (including class discussion and class demonstrations). As an example of the kinds of questions to expect, look at the questions that were used for guiding class discussion.
- 4) Numerical questions that test quantitative understanding, e.g. of logarithms, digital sound.

Review Session

There will be a review session on Sunday afternoon at 2pm. Room will be announced via email. The email will also contain contact information for us, in case you have questions during the exam.