

- 1) **Exam 1 will be in class** on Tuesday, March 10. See Session 10 on the schedule page for info on the textbook sections that it will cover. Closed book; I will provide a notes page for you. You can have some say in what goes on that page.
  - 2) **Some kinds of problems that may be on this exam:**
    - a) There may be a problem that requires **Mathematical induction**.
    - b) There will be several **T-F-IDK problems**. These are True-False questions with a third option, "I don't know". The intent is to minimize guessing. Recognizing what you don't know can be almost as important as knowing what you should know.  
**Example:** if a problem is worth 2 points, and T is the correct answer, you will get 2 points for answering T, -1 for F, and 1 for IDK.  
**Bigger example:** Let's say that there are six such problems that you have no clue on. If you randomly guess correctly for three of them and incorrectly for three of them, your score for those problems is  $6-3=3$  (25%). If you answer IDK for all six, you get 6 points (50%), and I get better information.  
In professional relationships, it is a good thing when we "know what we don't know" and tell others rather than pretending/hoping that we can guess correctly and giving others the wrong advice.
    - c) There may be questions about terminology. I made a list of terminology from Appendix A (linked form Day 1 in the schedule page). If anyone would like to make a similar list from one or more of the chapters we have covered (chapters 2-5), I will be happy to post it.
    - d) Problems about specific languages, finite state machines, closure, functions on languages.
  - 3) There is a **link to a previous Exam 1** in the Day 10 resources on the schedule page.
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