

Final Review

Final Exam

- **Thursday, May 8th, 2-4:30pm, GACB 105**
- **Open-book and open-notes.**
 - Even though it is open book, treat it as close-book.
(It's a **VERY BAD** idea to review materials during exam. You won't have the time. The open-book policy is only for removing the overhead of remembering tedious details. But again, if you can remember, it will save your time.)
 - It doesn't mean it is going to be easy.
- **No electronic devices allowed.**

Final Exam

- Cover the whole semester, but focus on the 2nd half.
 - 1st half (before midterm): 15-20%
 - 2nd half (after midterm): 80%
- Go over HW1-5/MP2/Midterm/Previous Exams/In-class Exercises
- You should be familiar with the types of majority of the questions. But you will see new kinds of questions as well.
- True/False
- Short Answer
- Long Answer
- Concept, Problem Solving, Programming, Diagram, etc.

Materials

- Textbook
 - Sections that you may skip: (no 100% guarantee)**
 - Chapter 3, 4.7, 6.8, 6.9, 7.4, 7.5, 8.4, 8.5, 8.6, 9.6, 9.7, 9.8, 10.7, 10.8, 11.4, 12.5, 12.6, Chapter 13-14
- Squeak by Example, <http://www.iam.unibe.ch/~scg/SBE/> (Chapter 1-6. Chapter 7-9 are also recommended.)
- The Scheme Programming Language, <http://www.scheme.com/tspl3/> (Chapter 1-2)
- Yet Another Haskell Tutorial, <http://www.cs.utah.edu/~hal/htut> (Chapter 1-4, 7)

Grade

- **Raw Score:** Total : 100
 $\text{Midterm} \cdot 0.2 + \text{Final} \cdot 0.25 + \text{Essay} \cdot 0.1 + \text{HW1} \cdot 0.05 + \text{HW2} \cdot 0.05 + \text{HW3} \cdot 0.05 + \text{HW4} \cdot 0.05 + \text{HW5} \cdot 0.05 + \text{MP1} \cdot 0.1 + \text{MP2} \cdot 0.1$
- **Bonus points:**
 5 (class participation) + 5 (MP2 and HW5 bonus questions)
- **Grade:**
 - First determined by raw scores:
say 82-100 is A, 63-82 is B, and so on.
 - Then bonus points give you bonus, and only affect your own grade:
if a student's score is 76, and she has 6 bonus points, she gets A)
- **Essay:**
 You must get 37.5 (out of 100) on Essay. Otherwise you will get Incomplete (I) even if your raw score gives you A.
 Check the grading rubric of essay.