

## Final Review

## Final Exam

- **Thursday, Dec. 13th, 2-4:30pm, NH110.**
- **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 overload of remembering tedious details. But again, if you can remember, it will save your time.)
- **No electronic devices allowed.**

## Final Exam

- Cover the whole semester, but focus on the 2<sup>nd</sup> half.
  - History, general concepts
  - 1<sup>st</sup> half (before midterm): 20%  
will cover the topics that are covered in HW/Midterm
  - 2<sup>nd</sup> half (after midterm): 80%
- 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

- 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)
- 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
- Guest lectures will not be covered.

## Grade

- **Raw Score:**  

$$\text{Midterm} * 0.2 + \text{Final} * 0.3 + \text{HW1} * 0.025 + \text{HW2} * 0.025 + \text{HW3} * 0.025 + \text{MP1} * 0.075 + \text{MP2} * 0.075 + \text{MP3} * 0.075 + \text{Essay} * 0.1$$
 (0.025 : HW1 is 200 points in total, HW2 and HW3 are 100 points each.)  
 (0.075 : MP1 and MP3 are 100 points each, MP2 is 200 points.)
- **Grade:**
  - First determined by raw scores:  
say 82-100 is A, 53-82 is B, and so on.
  - Then bonus points (0-5 points) give you bonus, and only affect your own grade:  
if a student's score is 81, and she has 2 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 A.  
 Check the grading rubric of essay.