CSC207.01 2013F, Class 33: Quicksort

Overview

- Preliminaries.
  - Admin.
  - Q on exam.
  - Q on HW8.
  - Project?
- Analyzing mergesort, revisited.
- Iterative mergesort.
- A quick introduction to Quicksort.
- Lab.

Admin

- Reminder: Redos of exam 2 are due at 10:30 p.m. tonight.
- Nov. 19 is Digital Commons roundtable at 10 a.m.
  - We’ll look at it more and reconsider
- Upcoming extra credit opportunities:
  - CS Table, today: Ambient Belonging
  - One Grinnell Prize Event next week
  - Learning from Alumni, next week: Shitanshu Aggarwal ’11
  - CS Extra next week: Internships (I think)
  - Town Hall, Wednesday, November 13, noon or 7:30 p.m.
  - Huge XC thing here this weekend. Talk to someone with a clue for more details

Exam Makeup

- Sorry that predicate code temporarily disappeared.

HW8

- Bring questions on Monday.

Project

- Choice 1: Everybody does the project
- Choice 2: Everybody does homework
- Choice 3: People can choose one or the other
• Choice 4: Do both

• Android didn’t go well, and while I’d like to learn Android, it’s not worth the stress, so I’d like the option of homework instead.

• Choice wins.
• Maybe Lea will develop a prototype that makes your life easier.

Analyzing mergesort, revisited

See whiteboard

Iterative mergesort

Bottom up, rather than top down

A quick introduction to Quicksort

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