CSC151.02 2014S, Class 46: Binary Search

Overview

- Preliminaries.
  - Admin.
  - Questions.
- The problem of searching.
- Analyzing algorithmic efficiency.
- Making searching more efficient using divide-and-conquer.
- A demo: Destructive binary search.
- Considering the parameters to binary search.

Preliminaries

Admin

Upcoming Work

- Reading for Wednesday: No reading.
- Homework for Thursday: Projects.
- Lab writeup (class 46): Problem 5.

Extra Credit

- Any pride week activity.
- Town hall Wednesday noon or 7:30 p.m. (the fiction of work/life balance)
- Math Extra, Thursday. Sphere packing.
- Iowater project April 26 - Tag drains. Mail [iowater] for details.
- Dance shows, 7:30 p.m. Thursday, Friday, Saturday, 2:30 pm Sunday
- Jazz combo Bucksbaum Thursday 8pmish.

Questions

The problem of searching
Analyzing algorithmic efficiency

Making searching more efficient using divide-and-conquer

A demo: Destructive binary search

Considering the parameters to binary search

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