CSC207.01 2013F, Class 50: Heap Sort

Overview

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Preliminaries

Admin

- Upcoming extra credit opportunities:
  - Learning from Alumni Thursday: Erik Hanson (in person)
  - CS Extras Thursday: Summer opportunities in CS.
  - CS Table Friday: TBD.
  - Swim meet Friday and Saturday.
  - Any self-care week activity.
  - One Grinnell rally on December 4 at 4pm (unless you are taking photos).
    - I’ve heard that students chose the time, and that no time was without conflicts. Sorry that I
can’t give you a better answer.

About the next homework

Sketch of last assignment: Turn the JSON output of an Ushahidi site (or, perhaps, any JSON output) into a
useful structure. You may not use the existing JSON libraries.


A quick note about heapifying an array

In yesterday’s class, one of you suggested that we could speed up the heap up process by doing both
children of a node "at once". Will that work for the following heap?

```
{ 3, 1, 2, 7, 8 }
```
Lab

An opportunity to explore various aspects of heaps and heap sort.

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