Sp18 CS 61B Discussion 14

Welcome!

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Announcements

• HW 5 due 4/25

Quiz Instructions

- If you haven't yet, please also neatly put your email address outside the name box if you want to be emailed!
- Bubble number 41.

Forms

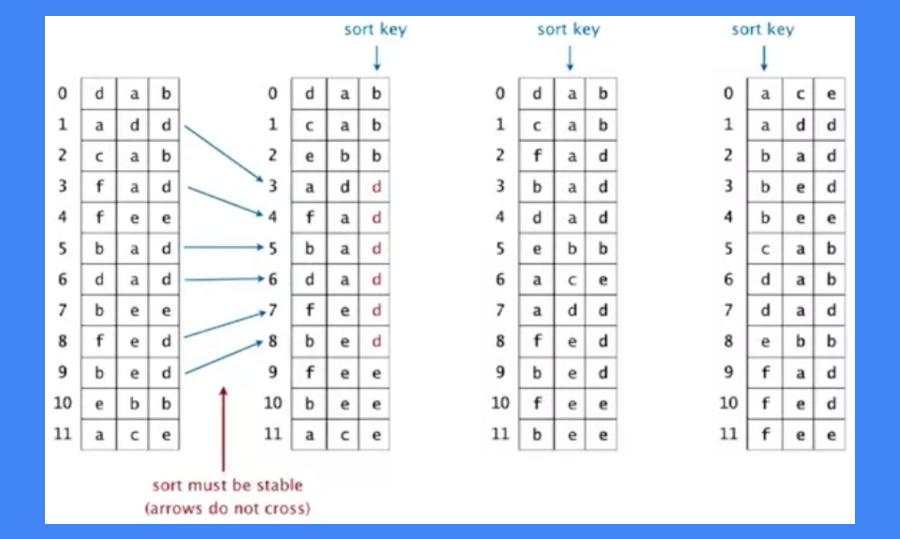
- Want to meet with me specifically?
 - https://goo.gl/forms/3HyKxt0ZAWHKRmij2
- Want to meet with any TA (not me)? @3258
- Survey:
 - https://goo.gl/forms/qxZ8qzS47HB62wiE3

Radix Sorts

Radix Sort Runtime

- Radix sort runtime: O(N)
- You may see some definitions saying O(wN).
 - If you know the length of your strings, you can tighten your runtime in this way.

LSD Radix Sort Magic



LSD Radix Sort Magic

- After first pass, look at cab and fad.
- The second counting sort pass counts this as a tie.
 - But due to stability, cab < fad because b < d.

Q1: Momo Masala

Momo Masala Solutions

https://tbp.berkeley.edu/exams/5544/download/

Q2: Pearbnb

Pearbnb Solutions

 https://inst.eecs.berkeley.edu/~cs61b/fa17/materials/ disc/discussion14sol.pdf

Final Thoughts

Impact (CS 195)

Impact

https://www.youtube.com/watch?v=II4Ct2n5FiE
(1:35)

Teach

Teach

- Lab Assist (Summer 2017): https://goo.gl/SSsWzu
- Info-session: Monday, April 30, 2-4pm (430 Soda)
 - Meet the staff, learn your role, discuss ideas
- Future semesters: Tutor -> TA -> Summer Instructor

Live

Wrap-Up + Ask Me Anything