CS 310: The End

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Week 15-2
Logistics

Codefest

- Friday 7 pm in Exploratory Hall L111
- Pizza and beverages provided
- Finish HW 4, Review for final

Other

- Read Weiss 21: Priority Queue/Binary Heap, make sure you understand the buildHeap() operation
- Bonus Card counts updated

Schedule

- Mon 12/7: Heapify and Heap Sort
- Wed 12/9: Review, Evals
- Fri 12/11: Codefest!
- Sat 12/12: HW 4 Due
- Mon 12/14: Final Exams
  - 10:30am Sec 1
  - 1:30pm Sec 3

Goals Today

- HW4 Discussion
- Review
- Course Evals
HW 4: TripleStore

- add(e,r,p): $O(\log N)$
- query(e,r,p): $O(K + \log N)$
- remove(e,r,p): $O(K \times \log N)$

where

- $N$: number of records in DB
- $K$: number of matching records

Note:

- Correctness is easy for these methods
- Correctness + Target Complexity is trickier
Java Jeopardy

Let’s play!
Evals: CS 310 Sec 1 (12noon) or Sec 3 (3pm), Kauffman

#24: The time I spent on CS 310 was
5. More than ANY other class I’ve EVER taken or ever WILL take
4. More time than other classes
3. About the same as other classes
2. A bit less time than other classes
1. Much less than other classes

#25: Doing HW Helped Prepare me for the Midterm
5. Most definitely
4. Pretty well
3. Somewhat
2. Not that much
1. The two seemed unrelated

#26: 50/50 split on test cases vs manual inspection was
5. Great
4. Good
3. Fine
2. Passable
1. Cruddy

#27: Kauffman spent this much time on projects in lecture...
5. Way too much time; RTFS!
4. A bit more than I needed
3. Just the right amount of time
2. Not quite enough to answer my questions
1. Hardly any! Explain some stuff, please!

#28: Doing 4 large-ish projects was...
5. Awesome, make it 3 bigger projects next time
4. Way better than many smaller projects
3. Neutral: could do it both ways
2. Middling, try 5 medium sized projects instead
1. Hated it, do many smaller projects instead