

**SI SESSION PLAN**

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| SI Leader: | Alex Iacob | Session Date: | 12/2/21 |
| Week #: | 15 | Session Letter: | B |
| Course & Section: | CSCI 141 Section 3 | Course Instructor: | Steele |
| Planning Date: | 12/2/21 | Planning Time: | 1:45 – 2:00 |

**Beginning reminders:**

1. Is the room set up in a way conducive to collaborative learning?
2. Is the agenda posted to the board for participants to see?
3. Do you have your attendance sheet up to record your attendance?
4. Do you have any other documents/resources up and ready to go for your session?

If you are all set with the reminders, then go have fun and good luck!

**Main concepts student should feel more comfortable with:**

* Hashing
  + Open addressing
  + Chaining

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| **Topics to cover** | **Process to use\*:** | **Time** |
| **Opener:** Announcements and Spotify Wrapped | Last HW due Friday  Last Lab due Sunday  Final is on 12/13 at 8AM  Spotify wrapped came out, so I want to ask them about their results.  I hit almost 52k minutes with Glass Animals, Metallica, My Chemical Romance, The Maine, and Post Malone as my top 5 artists. I’m curious to see my student’s musical tastes are. | 5-10 |
| Hashing | Fill a hash table using open addressing and another one using chaining using the following words.  “dog”, “aardvark”, “mongoose”, “goose”, “elephant”, “newt”, “iguana”,  “quail”  I just found these on SI Share so I’ll just use the words.  Ask about the differences between | 15-20 |
| Make list of things that they want to go over for bonus session. | Dictionaries and Sets  Sorting algorithms  General recursion w/ accumulators and tail recursion  Linked Lists  Diagrams - sub trace, exec diagram, and call stack  From this list, choose a topic and spend the remaining time doing some short review. | Remaining |
| **Closer:** Shout out upcoming bonus session and TA review | I want to work again with Renee to make an exam review for the final possibly Tuesday – Thursday on the week of reading day. | 2-3 |

*\*Possible processes: puzzles, informal quiz, think-pair-share, paired problem solving, graphic organizers, cheat sheets, collaborative questioning, student summaries, reviewing notes, work at the board, vocabulary…*

**Ending reminders:**

1. Did you check everyone in?
2. Did you remind everyone of the next session and any upcoming tests or quizzes or due dates?

**What closing tips/strategies would you like to emphasize through sessions this week?** Please be specific.

* Make a cheat sheet for the final that you can study from.

**After session thoughts:** How did the session go? Is there anything you would like to keep/drop/change for next time and how?

* Well apparently, many people only use YouTube for music instead of Spotify, which I found a little strange, but it’s whatever. I also found out that one of my students really enjoys the cello solos in the Assassin’s Creed games’ soundtracks.

**Bi-Weekly Question:** What advice do you have for students as they approach the end of the semester and finals?

* Take care of yourself, you are doing nobody service if you don’t eat anything or drink water. Take some time off, shower, brush your teeth, brush your hair, etc. I’ve been guilty of neglecting basic human needs just to try to cram in more studying, and it is not worth it.

**Good Luck with Finals!**