

**SI SESSION PLAN**

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| SI Leader: | Alex Iacob | Session Date: | 9/25/22 |
| Week #: | 6 | Session Letter: | A |
| Course & Section: | CSCI 141 Section 7 | Course Instructor: | Steele |
| Planning Date: | 9/25/22 | Planning Time: | 12:50 - 1 |

**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:**

* Pre/post conditions
* Parameters and arguments
* Conditional statements and their syntax
* Getting user input via input()
* Difference between returning a value and just printing it
* Execution diagrams, substitution traces, call stacks
* Fruitful functions
* Recursion
  + Recursive case
  + Base case
  + Tail recursion
* Iteration
  + For loop
  + While loop
  + Where and when to use break
* Strings
  + String splicing
  + String indexing
* Files
  + Two ways to open them
  + How to read from them

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| **Topics to cover** | **Process to use\*:** | **Time** |
| **Opener:** Announcements and asking how everyone feels about going into their first exam | First exam is in a few days  Monday is a typical lecture  Wednesday is going to be the full 2 hour written exam  Friday is the practical exam: Group A is from 10 – 10:50 and Group B is from 11 – 11:50. Be EARLY | 2-3 |
| Giant brain dump | Have everyone split up into groups and work on getting the information of all the weeks and share said information | 50-55 |
| Share the written study sheet with everyone who attended the session | https://docs.google.com/document/d/1xMiL5JHqX6F5dDat2yFcTMooXU6s7sNqPdm4mjJXcH8/edit?usp=sharing |  |
| **Closer:** Have everyone repeat the times | People are going to forget to arrive on time, so everyone must repeat the times to me. | 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 is one thing you want to emphasize during this session?** Please be specific.

* There is no shame in asking for help, it is far worse to run down a rabbit hole for hours.

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

* I had 10 students show up and I got observed by Haiyen. The session went objectively well. The people that did come actively participated and the extra information that they all shared helped significantly.
* I definitely want to keep the brain dump and the introduction
* There isn’t really anything I would want to change/drop as exam review is mostly meant to be strictly information and not really any form of entertainment.

**Bi-Weekly Question:** Have you faced any particularly difficult student scenarios? If so, please share (your actions and overall outcomes). And remember, we are always here in the office to help!

* There has not been any one student that was difficult to deal with. I can only think of students who seem completely lost in the material