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| **SI SESSION PLAN** | |  |  |  |  | | --- | --- | --- | --- | | SI Leader: | Alex Iacob | Session Date: | 2/13/23 | | Week #: | 5 | Session Letter: | A | | Course & Section: | CSCI 141 Section 2 | Course Instructor: | Polak | | Planning Date: | 2/13/23 | Planning Time: | 3:15 – 3:30 | |

**Beginning reminders:**

Is the room set up in a way conducive to collaborative learning?

Is the agenda posted to the board for participants to see?

Do you have your attendance sheet up to record your attendance?

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!

**Is there a study strategy you want to focus on? (If so, what is it? Otherwise, leave blank.)**

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

|  |  |  |  |
| --- | --- | --- | --- |
| **Activity\*** | **Process to use** | **Time** | **After Session Thoughts** |
| **Opener:** Cryptids | Jacob is observing me, so I’m going to take an opener that he used, Cryptids.  We got Squidward, Larry, and a rocket ship | 5-10 | Stole this one from Jacob and made him join us.   |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | ☹ | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | ☺ | |  |  |  |  |  |  |  |  |  |  | |
| **Brain dump of a large stature** | Give the students about 10 -15 minutes to write out what they remember on the board, then go in and review and talk about them  **Strings**   * they are made up of characters, if you see it on your keyboard, it is a character * you can declare a string by single or double quotes , for example st1 = 'abc123' or st2 = "xyz789" * you can index a string using [ ] * in order to index, you must know that indexes start at 0 (please remember) * for example, taking st1 from above, we can say that st1[0] = a(we read this as "st1 at index 0 is a") * also, we can have something that looks like st1[0 : 2], this would read "st1 from index 0 to 2" * it is important to note that this indexing follows a inclusive : exclusive format, where we include the first index, and exclude the last one, for example, st1[0 : 2] would give us ab   **For loops**   * the general syntax follows for X in Y ,where X is a local variable strictly in the for loop, and Y is the variable we are iterating over * for example, we can iterate a predetermined number of times * we would use for loops, when we want to know how many times to loop before we loop, this is contrasting to while loops, where we don't know how many times to loop and just loop until a condition is not met anymore   **Files**   * for the context of CS1, every file is a .txt file * - you can read files using *with open(filename) as f:* or *f = open(filename)* however it is important to note that if use *with* you do NOT have to close the file, you do have to close the file if you are just opening it   Afterwards, we can take a few examples of the uses of for loops | 45-50 | I had one student come in to the session, but didn’t attend the lecture, so my other student carried, which was pretty cool.   |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | ☹ | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | ☺ | |  |  |  |  |  |  |  |  |  |  | |
| **Closer:**  **Checkup** | How is everyone doing? | 2-3 | |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | ☹ | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | ☺ | |  |  |  |  |  |  |  |  |  |  | |

*\*See the* [*Activity Database*](https://docs.google.com/spreadsheets/d/1Oc6uAX2Uaq2Ym6M1FQjivRI_ryA_T9k1AcEKi__3Ml4/edit?usp=sharing) *and* [*SI Share*](https://drive.google.com/drive/folders/1WKkkRXpRW6_OVdc4eFVgAkDRt7y8E_VT?usp=sharing) *for ideas.*

**Ending reminders:**

Did you mark down attendance on your attendance sheet?

Did you remind everyone of the next session and any upcoming tests or quizzes or due dates?

Did you fill in the after session thoughts?

**Optional Notes and Comments:**

Got observed twice in one session, by Jacob and Danny L.

Also had the smart-board not actually work for the session, so we had to improvise and do all board work.

**Bi-Weekly Question:** What is one study skill you have introduced to help students prepare for exams? If you have not introduced one, what is one study skill you can introduce in future sessions?

The main study skill that I tell them is to take a question they already know about, and just do some spinoffs with some alternate numbers