|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **SI SESSION PLAN** | |  |  |  |  | | --- | --- | --- | --- | | SI Leader: | Alex Iacob | Session Date: | 3/23/23 | | Week #: | 9 | Session Letter: | B | | Course & Section: | CSCI 141 Section 2 | Course Instructor: | Polak | | Planning Date: | 3/23/23 | Planning Time: | 2:50 - 3 | |

**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:**  Wordle | Wordle and talk to my students a bit. | 3-5 | Everyone seems to be doing pretty well, glad to see it   |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | ☹ | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | ☺ | |  |  |  |  |  |  |  |  |  |  | |
| **Applications of dictionaries** | So the main thing about a dictionary is that it is fast and we can store anything as the value, including a dataclass that we made ourselves.  Create a recipe dataclass  Should look something like:  From Dataclasses import dataclass  @Dataclass  Class Recipe:  Name: str  Ingredients: list()  Steps: list()  Servings: int  Up for interpretation, but it should look something like that  Make a recipe data objects, for example  instantRamen = Recipe(‘ramen’, [‘instant ramen])  dictionary = {}  dictionary = dict()  If we ever want to add something to a dictionary, we can:  dictionary[key] = value  But how can we check if something is already in a dictionary  If key not in dictionary:  # add it to the dictionary | 45-50 | It got a little bit hectic, since nobody really understood the concept of being able to put dataclasses in our dictionary that we first have to create, but we got there in the end. I tried to make them talk as much as possible together, since I got a decent group of talkative students.   |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | ☹ | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | ☺ | |  |  |  |  |  |  |  |  |  |  | |
| **Closer: Sneak peek** | Stacks are First in Last out  The available functions are pop(), push(), peek(), make\_new\_stack()  Queues are First in First out  The available functions are enqueue(), dequeue(), front(), and make\_new\_queue() | Remaining | Didn’t get to this   |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | ☹ | 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:**

**Bi-Weekly Question:** Do you have any feedback to share about the SI program? Improvements on paperwork? Attendance sheets? Marketing? Weekly Trainings? Share all ideas?

This semester has lightened the paperwork, which is a godsend honestly. Weekly trainings are also pretty enjoyable too, even though I get to hear Hai-yen’s rants a second or third time for the week.