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| **SI SESSION PLAN** | |  |  |  |  | | --- | --- | --- | --- | | SI Leader: | Alex Iacob | Session Date: | 3/20/23 | | Week #: | 9 | Session Letter: | A | | Course & Section: | CSCI 141 Section 2 | Course Instructor: | Polak | | Planning Date: | 3/20/23 | 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:**  Wordle | Wordle and talk to my students a bit. | 3-5 | No show   |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | ☹ | 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 | No show   |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | ☹ | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | ☺ | |  |  |  |  |  |  |  |  |  |  | |
| **Closer: Sneak peek** | linked structure concept with the stacks and queues  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 | No show­­­­   |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | ☹ | 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:**

First no-show of the semester, while being observed by Mary-Beth.

I did get to talk a lot with Mary-Beth, so that was nice.

Also since this was a no-show, I am just going to use the same plan for my B session of the week.

**Bi-Weekly Question:** How was your spring break?

Did a lot of sleeping, it was great.