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| **SI SESSION PLAN** | |  |  |  |  | | --- | --- | --- | --- | | SI Leader: | Alex Iacob | Session Date: | 1/23/22 | | Week #: | 2 | Session Letter: | B | | Course & Section: | CSCI 141 Section 2 | Course Instructor: | Polak | | Planning Date: | 1/23/22 | Planning Time: | 3:20 – 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:**

Python turtle movements

|  |  |  |  |
| --- | --- | --- | --- |
| **Activity\*** | **Process to use** | **Time** | **After Session Thoughts** |
| **Opener:**  Cryptids | Taking one out of Jacob K’s books and using Cryptids.  Just draw random lines on the board and make everyone | 5-10 | I had a student create a partial derivative as their cryptid. Then afterwards they told me to do one, so I made a cursed whale named “Taighleir” upon their request.   |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | ☹ | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | ☺ | |  |  |  |  |  |  |  |  |  |  | |
| **Turtle drawing activity** | Spinoff of a previous lab, where we had to make recursive circles that were differing in colors in each iteration of them.  Split the class in 2 or 3 groups to make sure that they get to talk with eachother.  Propose the prompt and let them cook for a bit  Solution code looks like:  import turtle as tt  def square(size, color):      tt.color(color)      tt.fd(size)      tt.left(90)      tt.fd(size)      tt.left(90)      tt.fd(size)      tt.left(90)      tt.fd(size)      tt.left(90)      tt.fd(size)  def rectangle3(size):      square(size / 4, 'red')      square(size / 2, 'blue')      square(size, 'red')      square(size / 2, 'blue')      square(size / 4, 'red')  if \_\_name\_\_ == '\_\_main\_\_':      tt.speed(0)      rectangle3(100)      tt.done() | 40-45 | Went pretty well, I had one student who was kinda shot down by the other students because they thought he was wrong when in reality he was right. I told the rest to not shoot down a thought like that   |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | ☹ | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | ☺ | |  |  |  |  |  |  |  |  |  |  | |
| **Closer:**  **Segue into potential recursion** | With the given code, we can easily turn it into a recursive call. Probably want to do something more light for the next closer though. |  | The segue was okay, though it seems to have slightly frightened them with the thought of recursion.   |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | ☹ | 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:**

I had one student leave a few minutes early because they said they had class right after, and I’m guessing that the professor who had the room after us just thought it would be a good idea to barge in without saying anything to me. I do not necessarily mind cutting the session short 2-3 minutes most days, but I would have liked it if the Prof actually said something instead of just ignoring my existence and bringing her students in.

**Bi-Weekly Question:** What is one thing you are looking forward to this semester with your SI class?

I am mainly enjoying being able to meet more students and talk with them. Though most of the current CS1 class is non-CS majors, I get to see the differences between them.