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| **Date: 11/16** | **SI Facilitator: Christopher Simon** | **SI Course: CSC 15** |

**Objective(s):**What are the most important concepts that the students need to work on today?

* Going over practice problems for the second midterm.
* Understanding how to set up problems and breaking them down by solvable pieces.
* Learning how to translate the requirements from English as sudo code and then into actual code.

**Opening technique(s):**

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| **Time** | **Content to be Covered** | **Description of Activity/Process** |
| 3:00 | Deciding what to go over for the midterm | I asked the class what they wanted to do to prepare for the second midterm. At first, students were hesitant to suggest what they wanted to cover, however after making them raise their hands, as opposed to voicing their opinions out loud, I got much better results. |
| 3:05 | Went over a few of the practice problems from the midterm study guide | In the end, the students opted to go over some of the practice problems from their study guide. We spent the majority of class going over some problems that a specific student brought up, mostly because none of the other students made any other suggestions. I feel that I need to guide the students in what we are planning on covering in class, more so than relying on them to come up with what to cover. After all, my job as an SI Leader is to help my students understand what they don’t know, so that they can learn what to study. |
| 3:05 | Having the students work on the problems before I decide to write out the solutions to each problem on the board | In order to test students’ understanding, I went ahead and gave the students around 5 minutes to try out each of the questions before I went over the answer with them on the board. I did this in order to help them work under pressure, like they will doing on the test. Also, I decided to go over the answers on the board, as opposed to the computer. |
| 3:40 | Briefly going over arrays and their significance on the midterm | While going over one of the practice problems, I noticed some of the students struggling with the purpose of using an array in that particular problem. While doing the solution to this problem, I went over the similarities of arrays to existing concepts covered in class already, such as Strings and using the charAt() method. |

**Why did you implement these activities and process?**

* I decided to time the students to help them preform under pressure, just as they will be doing on the test. I want to get them mentally prepared
* I went ahead and wrote down the solutions on the board as opposed to the computer to emphasize upon the fact that students would be doing all of the work on paper. I directly encouraged them to do their work on paper.

**Reflections on effectiveness of activity/process, challenges, insights to improve for the future and assess how you are developing as a SI leader:**

* I think that for next class, I will come with a backup plan as opposed to asking the students to go over questions, just in case they don’t have material to get started with.