Lab 4- Pseudocoding and Problem-Solving
Oliver Mason and Tyana Tran
4/24/23
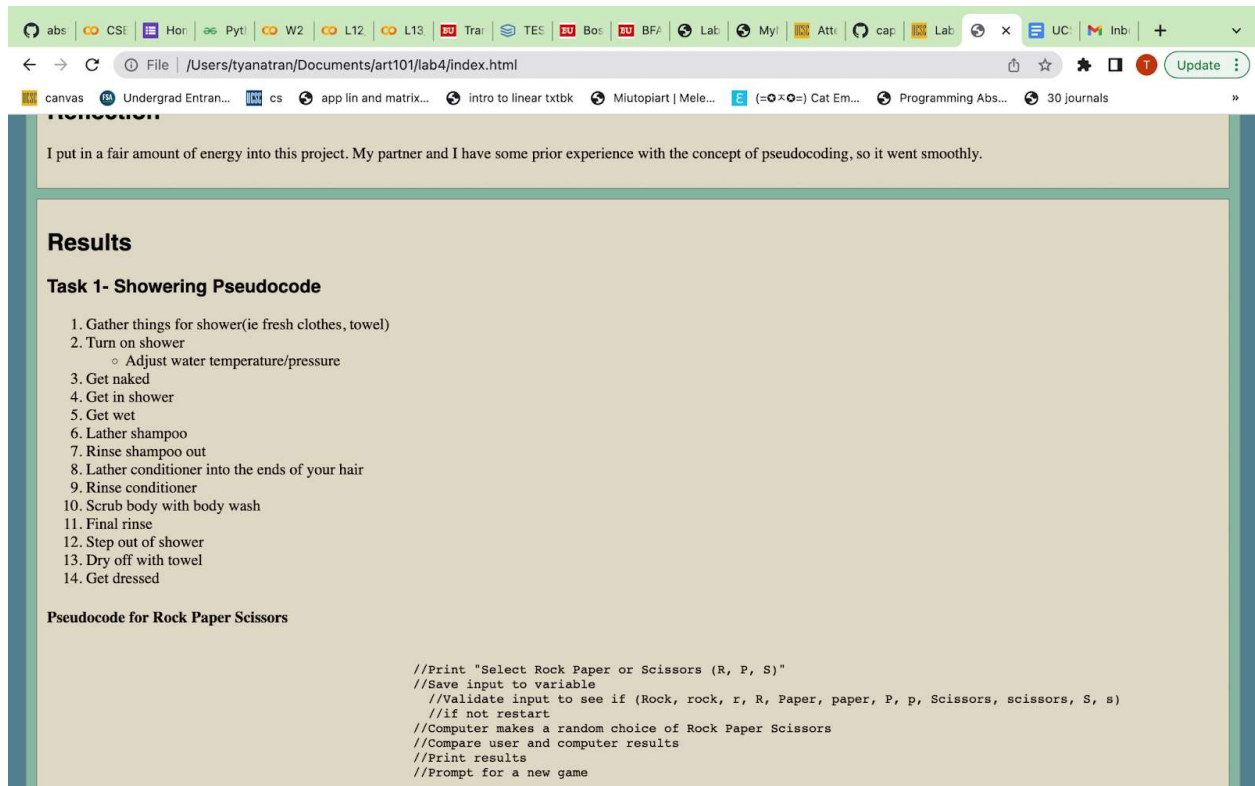
Task 1:
Showering Pseudocode
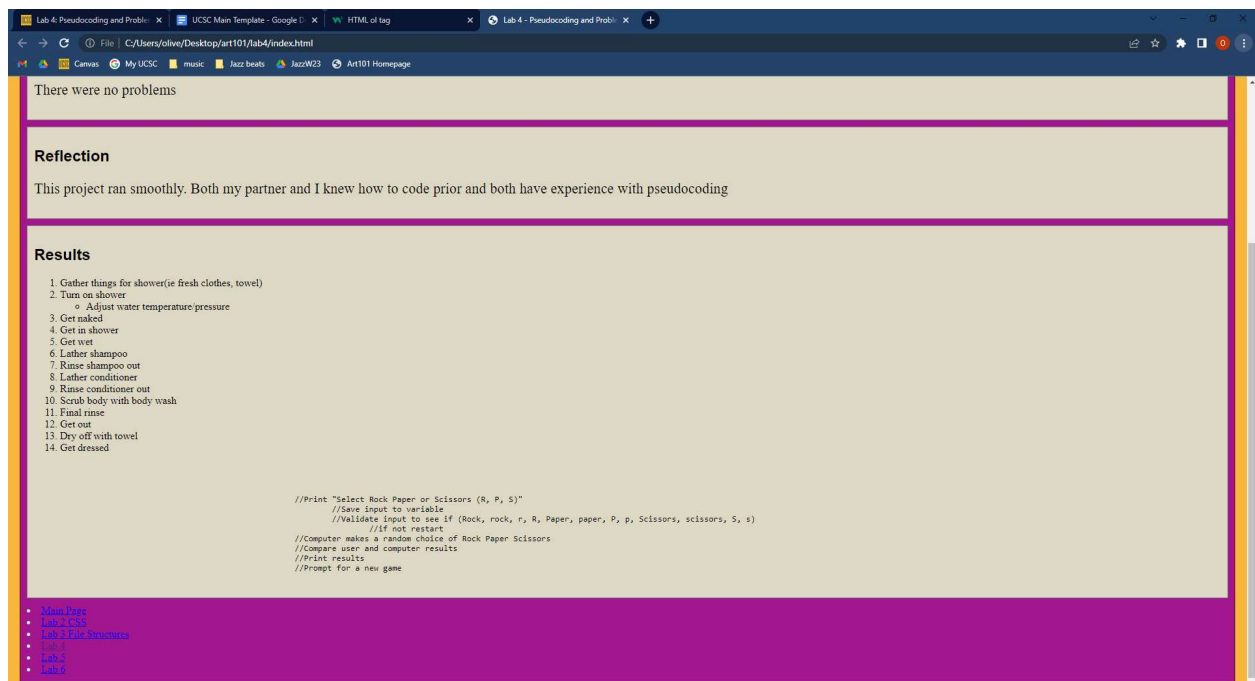
1) Gather things for shower(ie fresh clothes, towel)
2) Turn on shower
   a) Adjust water temperature/pressure
3) Get naked
4) Get in shower
5) Get wet
6) Lather shampoo
7) Rinse shampoo out
8) Lather conditioner into the ends of your hair
9) Rinse conditioner
10) Scrub body with body wash
11) Final rinse
12) Get out
13) Dry off with towel
14) Get dressed

Task 2- Pseudocode a simple computer game(Rock, Paper, Scissors)

1. Prompt user for Rock Paper Scissors
2. Take input
   a. Validate input
3. Computer makes a random choice of Rock Paper Scissors
4. Compare user and computer results
5. Print results
6. Prompt for a new game

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Reflection

I put in a fair amount of energy into this project. My partner and I have some prior experience with the concept of pseudocoding, so it went smoothly.

Results

Task 1- Showering Pseudocode

1. Gather things for shower(ie fresh clothes, towel)
2. Turn on shower
   ○ Adjust water temperature/pressure
3. Get naked
4. Get in shower
5. Get wet
6. Lather shampoo
7. Rinse shampoo out
8. Lather conditioner into the ends of your hair
9. Rinse conditioner
10. Scrub body with body wash
11. Final rinse
12. Step out of shower
13. Dry off with towel
14. Get dressed

Pseudocode for Rock Paper Scissors

```
//Print "Select Rock Paper or Scissors (R, P, S)"
//Save input to variable
   //Validate input to see if (Rock, rock, r, R, Paper, paper, P, p, Scissors, scissors, S, s)
      //if not restart
//Computer makes a random choice of Rock Paper Scissors
//Compare user and computer results
//Print results
//Prompt for a new game
```

Task 4: Take a **screenshot** of your final published Lab 4 page(Tyana Tran)

There were no problems

Reflection

This project ran smoothly. Both my partner and I knew how to code prior and both have experience with pseudocoding

Results

1. Gather things for shower(ie fresh clothes, towel)
2. Turn on shower
   ○ Adjust water temperature/pressure
3. Get naked
4. Get in shower
5. Get wet
6. Lather shampoo
7. Rinse shampoo out
8. Lather conditioner
9. Rinse conditioner out
10. Scrub body with body wash
11. Final rinse
12. Get out
13. Dry off with towel
14. Get dressed

```
//Print "Select Rock Paper or Scissors (R, P, S)"
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         //if not restart
//Computer makes a random choice of Rock Paper Scissors
//Compare user and computer results
//Print results
//Prompt for a new game
```

- Main Page
- Lab 2 CSS
- Lab 3 File Structures
- Lab 4
- Lab 5
- Lab 6

Task 4: Take a **screenshot** of your final published Lab 4 page(Oliver Mason)

Self Evaluation Rubric

Did you complete the assignment and did you complete it on time?	Submitted on time	Up to 1 day late	Up to 2 days late	Up to 3 days late	4 days late or more	Do you need to clarify? No
	🟩	☐	☐	☐	☐	

Did you collaborate with a partner?	Worked with partner			Worked alone		Do you need to clarify? No
	🟩			☐		

Did you put in earnest effort and provide an articulate summary of your experience?	Excellent	Pretty good	About average	Could be improved	Not this time	What supports this? The work was completed on time and we completed what was asked of us from the assignment.
	🟩	☐	☐	☐	☐	

Was the assignment complete, with minimal errors, correct output, and good style?	Excellent	Pretty good	About average	Could be improved	Not this time	What supports this? We followed the requirements of the assignment and got correct outputs
	🟩	☐	☐	☐	☐	

How much EXTRA effort did you put into the assignment?	A lot of extra effort		Some extra effort		Not this time	What supports this? No task X
	☐		☐		🟩	

Summary of your evaluation/efforts:

We had a discord call where we pseudocoded the everyday task and game together. We both knew how to pseudocode from prior experiences.