|  |  |
| --- | --- |
| Full Name | Antonio Dueno Martinez |
| Student ID | 1906253 |

Reflection

- Objective:  
 - What were you supposed to learn/accomplish?  
In this programming assignment we were meant to get more practice with input and output.  
- Procedure:  
 - What steps were followed and what techniques did you use to solve the problem?

First, I designed the initial algorithm. Afterwards, I began writing the code. After finishing the code, I created the test cases to ensure that the results were returning what I expected. When they didn’t, I went back and debugged the code to make sure they did.  
 - What were the Key concepts explored?  
 Key concepts explored were the use of if, elif and else statements.   
- Results:  
 - Did your results match what you expected to get?

After a lot of debugging, the results of the code matched what I expected to get from the test cases.  
 - Did you try using various test cases, or extreme test cases?  
Given the nature of this code, extreme test cases are simply not possible. I only used “Regular” test cases.

- Reflection:  
 - What challenges did you encounter?

Due to how ambitious I envisioned this program to be, I definitely encountered the challenge of writing out all the dialogue.  
 - How did you follow the first 3 rules of programming?

I considered how I wanted the program to behave, then created an algorithm accordingly. I made sure the program was readable by including readable variable names. I practiced before creating the code by creating a couple rudimentary while loops to make sure I understood how they worked.   
 - Did you overcome them, and how?

I overcame this challenge by just writing the code. It was very tedious, but rewarding.  
 - Any key takeaways?

I would probably not make a PA as big and ambitious and dialogue heavy as this again. Although I had fun with this PA, it was extremely time consuming.  
 - Do you think you learned what you were supposed to learn for this lab?

I have a solid understanding of how input and output works, as well as how if, else and elif statements and while loops work.  
 - What was it like working by yourself?

Normally, I would prefer to work alone. But on this PA, it was quite horrible, given the amount of work I gave myself. The PA was really fun to code, but it was so overwhelming that it took me even longer to finish.