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Reflection

* Objective:
  + What were you supposed to learn/accomplish?

The assignment was made to help us learn how to use if, elif, and else commands in python. It also helped strengthen our skills in excel, input and output commands, and writing algorithms.

* Procedure:
  + What steps were followed and what techniques did you use to solve the problem?

We first started by reading the read me file. Then, we worked through the test cases excel sheet. After that, Jalen and I did the algorithm. Lastly we created the program and tested it.

* + What were the Key concepts explored?

We improved our python skills and implemented new if, elif, and else commands.

* Results:
  + Did your results match what you expected to get?

Yes, the code matched our testcase sheet.

* + Did you try using various test cases, or extreme test cases?

Yes, we tried all of the cases in our excel sheet which gave me confidence in our program.

* Reflection:
  + What challenges did you encounter?

Originally, we had a bit of trouble with the excel sheet, we couldn’t get the expressions to work.

* + How did you follow the first 3 rules of programming?

1. Think before programming. We read the read me file in entirety before starting on any other part of the problem.
2. Program is the embodiment of true algorithm. We made the code line up with the steps in our algorithm.
3. Improve through practice. By doing this assignment we were able to practice coding, algorithm making, and excel sheet skills.
   * Did you overcome them, and how?

Yes, we did, we tried a couple of things until it ended up working. We were overcomplicating it a bit.

* + Any key takeaways?

Sometimes it is better to try the simplified version of something, rather than overcomplicating the issue.

* + Do you think you learned what you were supposed to learn for this lab?

Yes I do. I learned how to use if commands and improved on my excel sheet skills.

* + What was it like working with your partner?

It was good! We worked very efficiently together and got the project done fairly quickly.