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Reflection

The objective of this lab was to learn how to create a program that included nested if statements and had different paths with different outcomes/questions based on the user’s response. First, I made the initial design based off what I knew prior, then with the feedback I created the final design that I used to write the program. Then I wrote a set of test cases with their predicted outcomes to make sure the program worked correctly, if it didn’t then I rewrote the program or the final design. My results do match what I expected to get, and I used various test cases that would output values and some that would output errors. I faced the challenged of organizing my thoughts into the design and the program, and making sure the lines were indented properly. I first thought and designed the algorithm, then I wrote the program for the algorithm, then tested to make sure the algorithm works and fixed any issues. This assignment was difficult in the fact that there was a lot more programming to do than previous assignments, and it was difficult to make sure that I finished the program properly with the desired outcomes. It was nice working by myself, I felt that the process went very smoothly.