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Reflection

1. How was the experience working with your partner?

Working with Jalen was relatively easy. We seem to get along well and we’re able to figure out what the best way to write a code or algorithm is without arguing about it. Jalen wrote the algorithm and did some of the tests in Excel while I wrote the code.

1. What did you learn in this lab?

I learned about a few things. I figured out the importance of specifying that an input is an integer when you want to use that value in an equation later in the code. I also learned how to make inputs easier for the user to read and understand. In addition to that, I also got some practice in rounding numbers in Python. Finally, I gained a bit of knowledge on how to use Excel.

1. How did you follow the first 3 rules of programming?

For the first rule, I definitely thought before I started programming. However, a lot of the thinking came from afterwards when I realized that the code was outputting errors.

For the second rule, I tried to make the program as readable as possible for the user by going into greater detail when describing the values and inputs than I originally believed necessary.

As for the third rule, I got a lot of practice while making this program. I got multiple error messages and hunted them down, and then proceeded to spend half of my time correcting them and adjusting the code to account for them.