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Reflection

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

1.Practice with input & output

2.The opportunity to use decision-making

3.A chance to be creative

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

First I read the requirement and then I made a story and an algorithm

* + What were the Key concepts explored?

Creating an algorithm with inputs, outputs, and decisions.

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

At first they did not match because I wrote an algorithm that wasn’t possible for python so I adjusted my algorithm and rewrote my code.

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

I made and used 3 test cases for each route.

* Reflection:
  + What challenges did you encounter?

There was a lot of inescapable repetition and a lot of code to work on.

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

I first read the problem and analyzed it

Then I made a plan and started the algorithm

Finally I implemented my algorithm

* + Did you overcome them, and how?

I overcame most of my challenges through just testing rewriting and getting tutoring from Nate. On thing that helped me a lot was making algorithms for small specific parts of my program if I had any issues instead of rewriting the entire thing

* + Any key takeaways?

I learn a lot of basic things about Booleans and truthy errors from my mistakes with my code

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

Personally, because I put so much effort into this lab I feel like I have gotten so much better at python and coding in general

* + What was it like working by yourself?

It was harder because I wrote more code than most of my partner programs.