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SSW567 Software Testing

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HW04a - Develop with the Perspective of the Tester in mind - Reflection

**2. Write a description of what you thought about when you were designing the code. What did \*you\* think was important to do to make it easy to test the program. What are some of the challenges that you faced when testing this assignment.**

When designing the code, it was important to ensure that any testing of the code could be done easily. The assignment required that the necessary outputs could be displayed by inputting a single input in a single function. It was important to stick to this requirement because it allows the tester to test the whole code by using a single function. When testing the function, I ran into some issues in deciding what I should test. There was one main function, which delivered the required outputs, and two additional functions that were called in the main function. Therefore, I needed to include at least three tests, or one for each function. At first, I wanted to test to see if the outputs for the test case were equivalent to the expected output. However, I had trouble in the implementation of this and so I went in another direction. I decided to just test to see if the length of each function’s output was greater than 0 for a given github user and repository. The user had several repositories, each with numerous commits. Therefore, if the output was greater than 0 for each function, I decided that the code was functioning properly.