Sanjana Madhu
HW 04a
I pledge my honor that I have abided by the Stevens Honor System

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?

While designing the code, I went in with the mindset of a tester and thought about what would be needed to be tested if a user was to use this program. I thought it would be important to use try/except blocks in python to test if the requests actually went through and were successful after the API calls. I also thought it was important to ensure that the case that a username was nonexistent was also tested in the code. One challenge that I faced in this assignment was the limited number of API calls. There were several times when I thought I was making an error; however, the actual error was appearing because I had made too many requests to the API. However, once I realized this, the assignment went smoother. Additionally, it was difficult to know whether or not my results were correct from the information I got from the API. What I ended up doing was going to the actual GitHub page of the user and checking the number of commits for the public repositories.