

- 1)
 - a) <https://github.com/smitmil2/Homework-4/part1>
 - b) I tried to think of all the possible inputs that could cause problems and wrote tests for those, including negative numbers, zero, and inputs that aren't numbers
- 2) Question 2
 - a) <https://github.com/smitmil2/Homework-4/part2>
 - b) Those were the first 3 tests that came to mind, one that should work and a couple that would throw errors. Another test I thought of was if the input wasn't a list, but the assignment only asked for 3, so those were the 3 I put. I figured the last one wasn't as important, because in some other languages, it wouldn't compile if an object of a different type was passed in
- 3) Question 3
 - a) <https://github.com/smitmil2/Homework-4/part3>
 - b) The first test is to make sure the intended input works, the others are to see what happens when unexpected input occurs, as in the number of inputs
- 4) Question 4
 - a) The posting a message system. This function takes user credentials (user cookie/id+token) and a string and makes a new post
 - b) Some things to test are
 - i) Test invalid credentials
 - (1) Both garbage credentials and a valid user_id, but invalid login token
 - ii) Test with a string that is too long to post
 - iii) Test with an empty string