

1. I tested basic input, floating numbers, negative numbers, then what type was entered. As long as the input is an integer or a float, it would be cubed and returned. Strings and equations such as complex numbers with an i or character letter would be rejected. This is a basic and simple cubing function. I assume the input wouldn't be a string.
2. I first picked basic standard arrays for preliminary testing, then I used negative numbers to make sure the average is calculated properly. Lastly I passed an empty array to test its average and to divide by 0, the output would be 0 as it is an empty array.
3. I pass two generic names which would be combined into a single string. I did the same with numbers as the name. I presume people would not have numbers in or as their name but I can't rule out the possibility. Not needing to check for other characters since it's simply a string, the only main test necessary is if the two strings can be put together. Lastly I added another space in the last name, this is still within a single string so it does not conflict with any logic.
4. Posts: it is a class that holds a number of components; text, name of owner, video link (preview), photo, comments linked to it.
 - a. Test 1: can a video and photo be displayed in the same post with text from the owner.
 - b. Test 2: can the text, photo, and or video be edited after posting.
 - c. Test 3: comments linked to that post are displayed below it in chronological order.