Assignment 4 Test report

First part was to re write the assignment 3 program into a function. I did this by wrapping the program in a function and defining it. That way it can be called on later. Outside of the function I created conditional statements for light clean/ complete clean and total number of rooms in the house. I did this by assigning variable total\_rooms to a user prompt asking them how many rooms are in the house total. I also made a variable light\_complete to prompt the user if they want a light clean or complete clean of the rooms. After that I created conditional statements that would execute if certain criteria were met based on the values inputted by the user. I made 3 conditionals for light clean and 3 conditionals for complete clean. this is where I called the function that we made earlier. I also added print statements to be printed based on which conditional executed.

I went thru and tested every single option to see if the program would output the right statement and they did.

I tried different integers as well as floats.

Some bugs that were found were spacing errors in the strings that were printed. Forgetting to add spaces or adding too many spaces.

Other bugs found where user could input a small number of rooms like 1 room, and then ask to have 12 rooms cleaned. The program recognizes the total number of rooms inputted by the user; however, nothing is written in the program to prevent users from inputting less total number of rooms in the house than rooms they want cleaned.