Test #1
 	
testID: UC1 - Starting CleaningManager
 	
Strategy:
 	
Equivalence class - load input files containing room information and log of cleaning events
	Preconditions: The CleaningManager CLI has started.
	
	Steps:
	
	1. User types in the following to the CLI:
	
	"input/rooms.txt"
	
	   a. Check results
	
	2. User types in the following to the CLI:
	
	"input/cleaning_events.txt"
	
	   b. Check results
		a.) Nothing should happen, as the given input file is valid.
		
		b.) Nothing should happen, as the given input file is valid.
			Nothing happens when either of the parts are executed.

Test #2 **testID: UC2 - View Most Frequently Cleaned Rooms (User inputs negative number for number of rooms)** **Strategy: testing exceptions and unexpected inputs**	**Preconditions: Test #1 has passed.** **Steps:** **1. User types in -1 to the CLI.** **2. Check results**	"Number of rooms must be greater than 0." is printed to the screen. The user may try again to enter a value for the number of rooms to include in the report.	"Number of rooms must be greater than 0." is printed to the screen. I am then returned to the command line where the program continues to run and I can type in something else.

Test #3 **testID: UC4 - View Estimated Remaining Vacuum Bag Life (test vacuum footage of 5279 sq ft)** **Strategy: Boundary Value**	**Preconditions: CleaningManagerUI has started and user has loaded valid files room.txt containing room information and cleaningevents.txt containing logs of cleaning events** **Steps:** **1. User enters:** **05/01/2021 10:00:00** **2. Check results**	The following is printed to the screen: Vacuum Bag Report (last replaced 05/01/2021 10:00:00) [Bag is due for replacement in 1 SQ FT] The user may then type something else into the CLI.	Vacuum Bag Report (last replaced 05/01/2021 10:00:00) [Bag is due for replacement in 1 SQ FT] is printed to the screen and I am then returned to the command line where the program continues to run and I can type in something else.
Test #4 **testID: UC3- View a Report of Cleanings by Room** **Strategy: Testing exceptions and unexpected inputs**	**Preconditions: CleaningManagerUI and has loaded input files room.txt for the room information and a cleaning event file, empty_cleaning_events.txt (that contains no cleaning events)** **Steps: 1. The user types "report into the CLI.** **2. Check results**	Error message, "No rooms have been cleaned." is printed to the screen. The user may then type something else into the CLI.	"No rooms have been cleaned." is printed to the screen and I am then returned to the command line where the program continues to run and I can type in something else.

Test ID	Description	Expected Results	Actual Results

Test #5
 	
testID: UC3 - View a Report of Cleanings by Room
 	
Strategy: Equivalence class - valid room and cleaning event files with no missing data used to generate report
	Preconditions: Test #1 has passed.
	
	Steps: 1. The user types "report" into the CLI.
	
	2. Check results
		Each room is listed in alphabetical order and the events associated with them are printed to the screen as follows:
		
		Room Report [
		  Dining Room was cleaned on [
		    05/31/2021 09:27:45
		    05/23/2021 18:22:11
		    05/21/2021 09:16:33
		  ]
		  Foyer was cleaned on [
		    05/01/2021 10:03:11
		  ]
		  Guest Bathroom was cleaned on [
		    05/17/2021 04:37:31
		    05/08/2021 07:01:51
		  ]
		  Guest Bedroom was cleaned on [
		    06/03/2021 19:21:22
		    05/23/2021 11:51:19
		    05/13/2021 22:20:34
		  ]
		  Kitchen was cleaned on [
		    (never cleaned)
		  ]
		  Living Room was cleaned on [
		    05/30/2021 10:14:41
		    05/28/2021 17:22:52
		    05/12/2021 18:59:12
		    05/11/2021 19:00:12
		    05/09/2021 18:44:23
		  ]
		  Office was cleaned on [
		    06/04/2021 11:37:59
		    06/01/2021 13:39:01
		  ]
		]
			Room Report [
			  Dining Room was cleaned on [
			    05/31/2021 09:27:45
			    05/23/2021 18:22:11
			    05/21/2021 09:16:33
			  ]
			  Foyer was cleaned on [
			    05/01/2021 10:03:11
			  ]
			  Guest Bathroom was cleaned on [
			    05/17/2021 04:37:31
			    05/08/2021 07:01:51
			  ]
			  Guest Bedroom was cleaned on [
			    06/03/2021 19:21:22
			    05/23/2021 11:51:19
			    05/13/2021 22:20:34
			  ]
			  Kitchen was cleaned on [
			    (never cleaned)
			  ]
			  Living Room was cleaned on [
			    05/30/2021 10:14:41
			    05/28/2021 17:22:52
			    05/12/2021 18:59:12
			    05/11/2021 19:00:12
			    05/09/2021 18:44:23
			  ]
			  Office was cleaned on [
			    06/04/2021 11:37:59
			    06/01/2021 13:39:01
			  ]
			]
			
			is printed to the screen and I am then returned to the command line where the program continues to run and I can type in something else.