

Black Box Testing

Test Case ID	Test Name	Description	Test Input	Expected Result	Actual Result	Pass/Fail	Notes
1	HashMap_1	Testing for no duplicates	SD4	FALSE	FALSE	Pass	
2	HashMap_2	Testing for no duplicates	sd4	FALSE	TRUE	Fail	Case sensitive
3	HashMap_3	Testing for no duplicates	SD\$	TRUE	TRUE	Fail	Excepts special characters
4	HashMap_4	Testing for multiple words	Redline Radio	FALSE	FALSE	Pass	Only excepts single word/string entries
5	HashMap_5	Testing numeric entries	123	TRUE	TRUE	Pass	Excepts numeric only entries
6	HashMap_6	Testing "enter" keyed with no String	(enter key)	FALSE	FALSE	Pass	No entry and "enter" keyed, the program doesn't expect it and stauls.
7	HashMap_7	Testing "spacebar" keyed with no String	(space key)	FALSE	FALSE	Pass	Space only keyed, the program doesn't expect it and stauls.
8	WhileLoop_1	Testing for String prompted duplicate value entered	y	FALSE	FALSE	Pass	While continues as condition is FALSE
9	WhileLoop_2	Testing for String prompted expected to end While	n	TRUE	TRUE	Pass	While ends as condition is TRUE
10	WhileLoop_3	Testing for String unexpected, not "y" or "n"	no	FALSE	FALSE	Pass	While continues as condition is FALSE

Link to main.java file used and tested:

<https://github.com/Wood-Benjamin/CIT360/blob/master/System%20Level%20Tests/Main.java>