**Code Review 6174**

**isSorted Inputs**

*Basic Tests*

Test 1 – Passed

Test 2 – Passed

Test 3 – Passed

Test 4 – Passed

*Edge Test Cases*

Test 1 – Passed

Test 2 – Passed

Test 3 – Passed

Test 4 – Passed

Test 5 – Passed

Test 6 – Passed

*Special Test Cases*

Test 1 – Passed

Test 2 – Passed

Test 3 – Passed

Test 4 – Passed

14/14 – 100%

Summary: The *isSorted* method works as expected. All the test cases that were performed passed with a 100% success rating. Note that a static error message appeared which stated “Cannot make a static reference to the non-static method isSorted(Table) from the type TableSorter.” In order to perform the test cases on the *isSorted* method(s) we modified it to static. Other than that small defect, the *isSorted* method worked without any problems.

**sortable Inputs**

*Basic Tests*

Test 1 – Passed

Test 2 – Passed

Test 3 – Passed

Test 4 – Passed

Test 5 – Passed

*Edge Test Cases*

Test 1 – Passed

Test 2 – Passed

Test 3 – Passed

Test 4 – Passed

*Special Test Cases*

Test 1 – Passed

Test 2 – Passed

Test 3 – Passed

Test 4 – Passed

13/13 – 100%

Summary: The *sortable* method works as expected. A 100% success rate on the test cases that were performed was achieved.

Overview: Black box testing was performed on the 6174 code by utilizing the 7305 test plan. In total there were 14 test cases performed on the *isSorted* method and 13 test cases on the *sortable* method. There was a 100% pass rate on the test cases that were performed. Without looking at the implementation of code set 6174, we verified that the program works as expected meeting all the requirements specified in the contract.