Blackbox test Homework

Develop a test set for the TableSort program you turned in this week.

Document these so that a tester can run them.

[][] where the table is an empty table -> isSorted True, sortable returns unmodified table

where the table reference is NULL -> isSorted, sortable gracefully handles null reference

{0} where the table only has a zero -> isSorted True, sortable returns unmodified table

{2, 1} {1,2}

{3, 2} where the table is unsorted -> isSorted False, sortable returns {2,3}

{3,4} {0,0}

{0,0} where table’s 2nd row is 0’s -> isSorted False, sortable returns {3,4}

{127,128} -> isSorted True, sortable returns unmodified table

{256,255} -> isSorted False, sortable returns {255,256}

{MAX\_INT, MIN\_INT} -> isSorted False, sortable returns {MIN\_INT, MAX\_INT}

{-1, 0, 1} {-1, 0, 1}

{1, 0, 0} -> isSorted False, sortable returns {0, 0, 1}

{1.2, 1.01} -> isSorted, sortable gracefully handles incorrect input (not an Int)

{“1”, “-5”} -> isSorted, sortable gracefully handles incorrect input (not an Int)