**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.

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| **ID** | **Features to be tested** | **Tasks** | **Expected Output** |
| T1 | A table NXM | Give as an input a table (3X4) | Exit Program  Print message that a table has to be square NXN |
| T2 | A table NxN such as one i in T is = 0 | Give as an input the table [[1,0,2], [2,3,6], [8,9,7]] | Sort Table  Return True when the table is Sorted  [[0,1,2], [2,3,6], [7,8,9]] |
| T3 | A table NXN such that all i in T are the same numbers | Give as an input the table [[2,2,2], [2,2,2], [2,2,2]] | Return True since table is already sorted |
| T4 | A table NXN such as some i in T are negative numbers | Give as an input the table [[1,0,-2], [2,3,-6], [8,-9,7]] | Sort Table  Return True when the table is Sorted |
| T5 | An empty table | Give as an input an empty table | Exit Program |
| T6 | A table NXN such that i has more than one digit | Table: [[10,0,-20], [20,30,-600], [8000,-900,700]] | Sort Table  Return True when the table is Sorted |

T- Table

i – Integer in T