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Software Integration Verification & Validation

Blackbox test Plan for TableSorter

Initial Test:

|  |  |  |
| --- | --- | --- |
| Input description | Input specific | Expected result (print) |
| Single variable | N: 1  Array: “0“ | isSorted: true  Array:  0  isSorted: true |

Pre-sorted Test:

|  |  |  |
| --- | --- | --- |
| Input description | Input specific | Expected result (print) |
| 5x5, pre-sorted variables | N: 1  Array: “0 1 2 3“ | isSorted: true  Array: or  0 1 0 2  2 3 1 3  isSorted: true |

Regular use Test:

|  |  |  |
| --- | --- | --- |
| Input description | Input specific | Expected Result |
| 5x5, unsorted int variables | N: 5  Array:  “20 31 2 23 4 5 64 73 8 3 1 11 12 3 24 35 6 17 18 1 240 21 22 23 0 “ | isSorted: false  Array: or  0 1 1 2 3 0 3 11 21 31  3 4 5 6 8 1 4 12 22 35  11 12 17 18 20 1 5 17 23 64  21 22 23 23 24 2 6 18 23 73  31 35 64 73 240 3 8 20 24 240  isSorted: true |

\*Included Tester.java