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| **Method** | **Class** | **Stage** | **Input values** | **Results** |
| TestQuickSort() | Sort | The instance of class sort | A small array | The methods sort all the elements of the array |
| TestQuickSort() | Sort | The instance of class sort | A big array | The methods sort all the elements of the array |
| TestQuickSort() | Sort | The instance of class sort | A random array | The methods sort all the elements of the array |

**Objective:** Know if the QuickSort sort the elements in a correct way.

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| **Method** | **Class** | **Stage** | **Input values** | **Results** |
| TestRandomQuickSort() | Sort | The instance of class sort | A small array | The methods sort all the elements of the array |
| TestRandomQuickSort() | Sort | The instance of class sort | A big array | The methods sort all the elements of the array |
| TestRandomQuickSort() | Sort | The instance of class sort | A random array | The methods sort all the elements of the array |

**Objective:** Know if the RamdomQuickSort sort all the elements of the array