|  |  |  |  |
| --- | --- | --- | --- |
| function | input | E/output | A/output |
| findLargestIndex | [],0 | -1 | -1 |
| findLargestIndex | [5,3,2,1],4 | 0 | 0 |
| findLargestIndex | [1,3,2,5],4 | 3 | 3 |
| findLargestIndex | [4],1 | 0 | 0 |
| SelectionSort | [],0 | [] | [] |
| SelectionSort | [4],1 | [4] | [4] |
| SelectionSort | [1,2,3,4],4 | [1,2,3,4] | [1,2,3,4] |
| SelectionSort | [4,2,1,3],4 | [1,2,3,4] | [1,2,3,4] |
| BubbleSort | [],0 | [] | [] |
| BubbleSort | [1,2,3,4],4 | [1,2,3,4] | [1,2,3,4] |
| BubbleSort | [4,2,1,3],4 | [1,2,3,4] | [1,2,3,4] |
| BubbleSort | [4],1 | [4] | [4] |

|  |  |  |  |
| --- | --- | --- | --- |
| function | input | E/output | A/output |
| InsertionSort | [],0 | [] | [] |
| InsertionSort | [4],1 | [1] | [1] |
| InsertionSort | [1,2,3,4],4 | [1,2,3,4] | [1,2,3,4] |
| InsertionSort | [4,2,1,3],4 | [1,2,3,4] | [1,2,3,4] |
| MakePartation | [4],1 | 0 | 0 |
| MakePartation | [5,2,3,1,4],5 | 4 | 4 |
| MakePartation | [4,2,3,5,1,6],6 | 3 | 3 |
| QuickSort | [1],1 | [] | [] |
| QuickSort | [4,2,1,3],4 | [1,2,3,4] | [1,2,3,4] |
| QuickSort | [1,2,3,4],4 | [1,2,3,4] | [1,2,3,4] |
| function | **input** | **E/output** | **A/output** |
| QuickSort3 | [4,2,1,3],0,3 | [1,2,3,4] | [1,2,3,4] |
| QuickSort3 | [1,2,3,4],0,3 | [1,2,3,4] | [1,2,3,4] |
| QuickSort3 | [5,6,2,3,1,4],0,5 | [1,2,3,4,5,6] | [1,2,3,4,5,6] |
| QuickSort3 | [4,1,3,4,4],0,4 | [1,3,4,4,4] | [1,3,4,4,4] |
| ShellSort | [1],1 | [] | [] |
| ShellSort | [1,3,2],3 | [1,2,3] | [1,2,3] |
| ShellSort | [1,2,3,4],3 | [1,2,3,4] | [1,2,3,4] |
| MergeSort | [4],1 | [4] | [4] |
| MergeSort | [3,5,4,1],4 | [1,3,4,5] | [1,3,4,5] |
| MergeSort | [1,2,3,4,5],5 | [1,2,3,4,5] | [1,2,3,4,5] |
| MergeSort | [5,4,3,2,1],5 | [1,2,3,4,5] | [1,2,3,4,5] |