Jesse Reid CSC6013 Coding Project #7 Quicksort

Python 3.12.0 (v3.12.0:0fb18b02c8, Oct 2 2023, 09:45:56) [Clang 13.0.0 (clang-1300.0.29.30)] on darwin
Type "help", "copyright", "credits" or "license()" for more information.

===== RESTART: /Users/jreid/Documents/JLR_dev_code/merrimack/CSC6013/P7.py =====

Starting Quicksort for [38, 21, 39, 60, -1, 10, 81, 23]

Sorted array: [81, 60, 39, 38, 23, 21, 10, -1]
Number of swaps: 14
Number of recursive calls 13

Starting Quicksort for [2, 97, 5, 88, 9, 72, 12, 64, 17, 56, 21]

Sorted array: [97, 88, 72, 64, 56, 21, 17, 12, 9, 5, 2]
Number of swaps: 28
Number of recursive calls 17

Starting Quicksort for [100, 33, 22, 213, 65, 29, 153, 199, 47, 181, 85]

Sorted array: [213, 199, 181, 153, 100, 85, 65, 47, 33, 29, 22]
Number of swaps: 19
Number of recursive calls 15