List of Sorting Methods
MW 5:30 PM
Week 12 - Class 24 - 11/09/22

The following list ranks various sorting algorithms in order of difficulty. Of course, you may find some algorithms easier/harder than others, but this is a good spot to start looking if you don't know which algorithm you want to implement for MA7. Algorithm #1 is the easiest and Algorithm #5 is the hardest.

Easiest Implementation

1. Selection Sort (https://www.geeksforgeeks.org/selection-sort/)
2. Bubble Sort (https://www.geeksforgeeks.org/bubble-sort/)
3. Insertion Sort (https://www.geeksforgeeks.org/insertion-sort/)
4. Quick Sort (https://www.geeksforgeeks.org/quick-sort/)
5. Merge Sort (https://www.geeksforgeeks.org/merge-sort/)

Hardest Implementation

The following is a list of unusual and not particularly useful sorting algorithms. I do not recommend using any of these in MA7. They are included just to show how many ways there are to sort a list.

1. Sleep Sort (https://www.geeksforgeeks.org/sleep-sort-king-laziness-sorting-sleeping/)
2. Bogo Sort (https://en.wikipedia.org/wiki/Bogosort)
3. Slow Sort (https://en.wikipedia.org/wiki/Slowsort)