

TP Dojo React

Sorting Algorithms

Sorting algorithms are instructions that take an array or list as an input and arrange the items into a particular order.

Sorts are most generally in numerical or a form of alphabetical (or lexicographical) order and can be in ascending (A-Z, 0-9) or descending (Z-A, 9-0) order.

The goal of this week's challenge is to implement in Javascript the following five sorting algorithms:

1. [Bubble Sort](#)
2. [Selection Sort](#)
3. [Merge Sort](#)
4. [Quick Sort](#)
5. [Insertion Sort](#)

Some conditions

1. Present your solutions in a slideshow format.
2. Select three (3) sorting algorithms and present to your peers your solution. Get some code examples and drive it through cool slides!

Bonus Points

Let's investigate [Big O Notation](#)! For the presentation, let's try to explain the level of complexity of the algorithms you will demo.

Extra Material

[Sorting Algorithms](#)