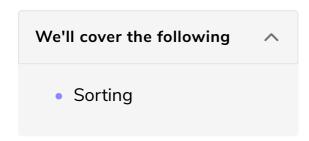
Introduction

In this chapter, we'll see some very basic sorting algorithms.



Sorting

Even though you most likely won't end up writing these sorting algorithms in competitions, it's a good idea to know that these algorithms exist and how they work.

We will discuss the following sorting algorithms that run in ${\cal O}(N^2)$ before moving onto algorithms with better performance.

- Selection Sort
- Bubble Sort
- Insertion Sort

Tip: Try putting print statements inside the loops to see how each step of the algorithm affects the array.

We'll start with selection sort in the next lesson.