# Input, output, store and process...

Time to process arrays!

What information do you need? What algorithms can you use?

* Find an element (or determine it is not in the array)
* Find all the occurrences of an element (0 or more)
* Find the minimum element
* Find the maximum element
* Calculate the average
* Calculate the mean
* Calculate the mode
* Calculate the median
* Check if the array is sorted
* Sort an array

But before you get ahead of yourself, or find your self down a rabbit hole of Internet searches for algorithms using arrays, learn some basic processing tools.