Functional

Every-some

every – everything in the array must pass

<https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/Array/every>

* Callback per item in array until false then fails.
* If all true then return true.
* For all
* Empty array return true
* function isBigEnough(element, index, array) {
* return element >= 10;
* }
* [12, 5, 8, 130, 44].every(isBigEnough); // false
* [12, 54, 18, 130, 44].every(isBigEnough); // true

some – at least one must pass

<https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/Array/some>

* Executes until find one that is true and return true, otherwise false.

Reduce

arr.reduce(function(previous, current, currentIndex, array), initialValue)

<https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/Array/Reduce>

* Just look at the docs – wow
* Sum all the value of an array
* Can also be passed an object as initialValue and used to count the total occurrences of each in the array