**Creating an array:**

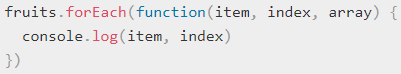


**Common method:**

* Access an Array item using the index position



* Loop over an Array



* Add an item to the end of an Array



* Add an item to the beginning of an Array



* Remove an item from the end of an Array



* Remove an item from the beginning of an Array



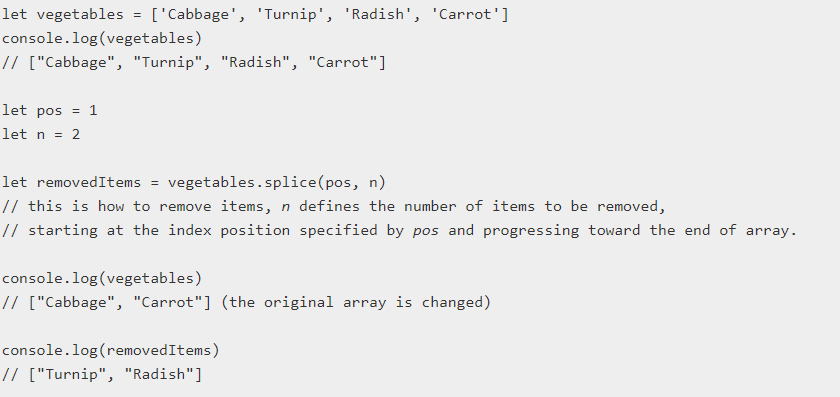
* Find the index of an item in the Array



* Remove an item by index position



* Remove items from an index position

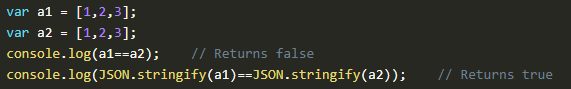


* Copy an Array



**Comparing Arrays:**

Array comparison compare for reference equality, not value. So, in case we want to check if two array are of equal value we can compare their values.

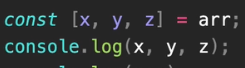


**DE-structuring arrays**

It’s basically unpacking the array values into distinct variable, without assigning them one by one.

* Simple example,

****

** => **

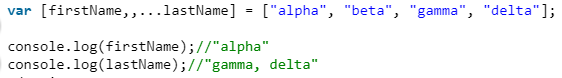
* Skipping some values example,

****

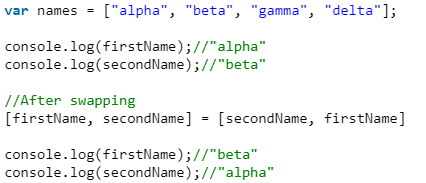
****

**Output => **

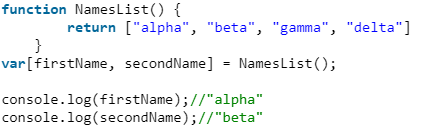
* Rest operator example to get bunch of data, but it has limitations since we can not control what data to get.

****

* We can swap values without using temp variable, using de-structuring properties.



* We can also extract data from a function. Advantage is we can extract the data we need only.



**DE-structuring Objects**

