JavaScript Arrays Cheat Sheet

The 22 examples to know first

ShortcutFoo

Accessing Elements

`a1.concat(a2)`	Return new array by joining arrays a1 and a2 together
`a1.join(separator)`	Join all elements of array a1 into a string separated by separator arg
`a1.slice(start, end)`	Extract a section from start to end of array a1 and return a new array
`a1.indexOf(obj)`	Return first index of obj within array a1
`a1.lastIndexOf(obj)`	Return last index of obj within array a1

Mutating

`a1.pop()`	Remove and return last element from array a1
`a1.push(obj)`	Add obj to end of array a1 and return new length
`a1.reverse()`	Reverse order of elements of array a1 in place
`a1.sort()`	Sort the elements of array a1 in place
`a1.splice(start, deleteCount, items)`	Change content of array a1 by removing existing elements and/or adding new elements
`a1.unshift(obj)`	Add obj to start of array a1 and return new length

Iterating

`a1.forEach(fn)`	Calls function fn for each element in the array a1
`a1.every(fn)`	Return true if every element in array a1 satisfies provided testing function fn
`a1.some(fn)`	Return true if at least one element in array a1 satisfies provided testing function fn
`a1.filter(fn)`	Create a new array with all elements of array a1 which pass the filtering function fn
`a1.map(fn)`	Create a new array with results of calling function fn on every element in array a1
`a1.reduce(fn)`	Apply a function fn against an accumulator and each value (from left to right) of the array as to reduce it to a single value

General

`a1.toString()`	Return a string representing array a1 and its elements (same as a1. join(','))
`a1.toLocaleString()`	Return a localized string representing array a1 and its elements (similar to a1.join(','))
`Array.isArray(var)`	Return true if var is an array
`a1.length`	Return length of array a1
`a1[0]`	Access first element of array a1

See all 23 examples and practice them free

shortcutfoo.com/app/dojos/javascript-arrays

Typing drills + spaced repetition