

JavaScript Array Methods Cheat Sheet

Method	Description	Example
push()	Adds one or more elements to the end of an array	arr.push(4)
pop()	Removes the last element from an array	arr.pop()
shift()	Removes the first element from an array	arr.shift()
unshift()	Adds one or more elements to the beginning	arr.unshift(0)
map()	Creates new array by applying function to each element	arr.map(x => x*2)
filter()	Creates new array with elements that pass condition	arr.filter(x => x>2)
reduce()	Reduces array to single value	arr.reduce((a,b)=>a+b)
forEach()	Executes function on each array element	arr.forEach(x=>console.log(x))
find()	Returns first element that satisfies condition	arr.find(x => x>2)
findIndex()	Returns index of first element that satisfies condition	arr.findIndex(x => x>2)
includes()	Checks if array contains a value	arr.includes(2)
indexOf()	Returns first index of a value	arr.indexOf(3)
slice()	Returns shallow copy of part of array	arr.slice(1,3)
splice()	Adds/removes elements from array	arr.splice(2,1,'new')
concat()	Merges two or more arrays	arr.concat(arr2)
join()	Joins all elements into a string	arr.join('-')
sort()	Sorts array elements	arr.sort((a,b)=>a-b)
reverse()	Reverses array elements	arr.reverse()
flat()	Flattens nested arrays	[[1,2],[3]].flat()
every()	Checks if all elements satisfy condition	arr.every(x=>x>0)
some()	Checks if at least one element satisfies condition	arr.some(x=>x>0)