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# Built-in arrays methods study plan

Improve your array manipulation skills by working through this list of challenges.  
You will gain foundational skills to expand on in the future.

21 challenges

## Array.reverse

Write a function that reverses an array.

BEGINNER

#JavaScript #builtin #array

## Array.lastIndexOf

Write a function that returns the index of the last occurrence of an element in the array.

BEGINNER

#JavaScript #builtin #array

## Array.find I - string

Write a function that gets the first element of the array that's longer than 4 characters.

BEGINNER

#JavaScript #builtin #array

## Array.unshift

Write a function that adds an element to the beginning of the array.

BEGINNER

#JavaScript #builtin #array

## Array.find II - object

Write a function that gets the first adult user from an array of users.

BEGINNER

#JavaScript #builtin #array

## Array.every I - strings

Write a function that checks if every element of the array is a string.

BEGINNER

#JavaScript #builtin #array

## Array.indexOf

Write a function that returns the index of the first occurrence of an element in the array.

BEGINNER

#JavaScript #builtin #array

## Array.pop

Write a function that removes the last element from the array.

BEGINNER

#JavaScript #builtin #array

## Array.every II - objects

Write a function that checks if every object in the array has some property.

BEGINNER

#JavaScript #builtin #array

## Array.push

Write a function that appends an element to the array.

BEGINNER

#JavaScript #builtin #array

## Array.shift

Write a function that removes an element from the beginning of the array.

BEGINNER

#JavaScript #builtin #array

## Array.includes

Check if an array includes a provided value.

Check if an array includes a provided value

BEGINNER

#JavaScript #builtin #array

### Array.filter II - objects

Use the built-in filter method to find all of the adult users.

BEGINNER

#JavaScript #builtin #array

### Array.map I - strings

Use the built-in map method to transform an array of strings.

BEGINNER

#JavaScript #builtin #array

### Array.filter I - numbers

Use the built-in filter method to narrow down your search.

BEGINNER

#JavaScript #builtin #array

### Array.sort - ascending

Write a function that sorts the array of numbers in ascending order.

BEGINNER

#JavaScript #builtin #array

### Array.map II - objects

Use the built-in map method to process an object

BEGINNER

#JavaScript #builtin #array

### Array.join II - numbers

Manipulate the array of numbers to return it in a CSV format

BEGINNER

#JavaScript #builtin #array

### Array.sort - descending

Write a function that sorts the array of numbers in descending order.

BEGINNER

#JavaScript #builtin #array

### Array.map III - numbers

Use the built-in map method to process an array of numbers

BEGINNER

#JavaScript #builtin #array

### Array.sort - date

Write a function that sorts an array of objects in ascending order.

INTERMEDIATE

#JavaScript #builtin #array