

# ARRAY METHODS IN JAVASCRIPT



`.find()`

`.findLast()`

`.findIndex()`

`.findLastIndex()`



Swipe →

# ARRAY METHODS

## `.find()`

The `find()` method returns the **first** element in the provided array that satisfies the provided testing function. If no values satisfy the testing function, **undefined** is returned.

## `.findLast()`

The `findLast()` method returns the value of the **last** element in an array that satisfies the provided testing function. If no elements satisfy the testing function, **undefined** is returned.



# ARRAY METHODS

## `.findIndex()`

The `findIndex()` method returns the index of the **first** element in an array that satisfies the provided testing function. If no elements satisfy the testing function, **-1** is returned.

## `.findLastIndex()`

The `findLastIndex()` method returns the index of the **last** element in an array that satisfies the provided testing function. If no elements satisfy the testing function, **-1** is returned.



Swipe →

# .find()

- > This method returns the value of the first element that passes a test.
- > This method executes a function for each array element.
- > This method returns "undefined" if no elements are found.
- > This method does not execute the function for empty elements.

```
let arr = [3, 5, 7, 8];  
  
arr.find((n) => n % 2 === 0);
```

Code

Output

8



Swipe →

# .findIndex()

- > This method executes a function for each array element.
- > This method returns the index of the first element that passes a test.
- > This method returns -1 if no match is found.
- > This method does not execute the function for empty array elements.

```
let arr = [3, 5, 7, 8];  
  
arr.findIndex((n) => n % 2 !== 0);
```

Code

Output

0



Swipe →

# .findLast()

- > This method executes a function for each array element.
- > This method returns the value of the last element that passes a test.
- > This method returns undefined if no match is found.
- > This method does not execute the function for empty array elements.

```
const array1 = [5, 12, 50, 130, 44];  
const found = array1.findLast((element) => element > 50);  
console.log(found);  
// expected output: 130
```

Output

130

Code



Swipe →

# .findLastIndex()

- > This method executes a function for each array element.
- > This method returns the index of the last element that passes a test.
- > This method returns -1 if no match is found.
- > This method does not execute the function for empty array elements.

```
const array1 = [5, 12, 50, 130, 44];  
const isLargeNumber = (element) => element > 45;  
console.log(array1.findLastIndex(isLargeNumber));  
// expected output: 3 (of element with value: 30)
```

Output

3

Code



Swipe →

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