ARRAYS

Searching Arrays in JavaScript

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01 INDEXOF()

- indexOf(): Finds the first occurrence of an item in the array.

```javascript
let arr = ["Apple", "Orange", "Orange"];
console.log(arr.indexOf("Orange")); // Output: 1
console.log(arr.indexOf("Peach")); // Output: -1
```

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02 LASTINDEXOF()

- lastIndexOf(): Finds the last occurrence of an item in the array.

```javascript
let arr = ["Apple", "Orange", "Orange"];
console.log(arr.lastIndexOf("Orange")); // Output: 2
console.log(arr.lastIndexOf("Peach")); // Output: -1
```

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03 FIND()

- find(): Locates the first element that passes a test function.

```javascript
let arr = [23, -5, 667, 1, -3, 6, 17, -69];
let answer = arr.find(value => value > 50);
console.log(answer); // Output: 667
```

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04 FILTER()

- filter(): Returns an array of all elements that pass a test function.

```javascript
let arr = [23, -5, 667, 150, -3, 60, 17, -69];
let answer = arr.filter(value => value > 50);
console.log(answer); // Output: [667, 150, 60]
```

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05 EVERY()

- every(): Checks if every element in the array passes a test.

```javascript
let arr = [1, 2, 3, 4, 5];
let answer = arr.every(value => value > 0);
console.log(answer); // Output: true
```

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06 INCLUDES()

- includes(): Tests if a value exists in the array.

```javascript
let arr = [1, 2, 3, 4, 5];
let answer = arr.includes(100);
console.log(answer); // Output: false
// Using Index
let answer = arr.includes(1, 3);
console.log(answer); // Output: false
```

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What other tips would you add?

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