SIMPLE WAYS TO **MERGE ARRAYS** IN JAVASCRIPT

Merge Arrays

There are two popular ways to merge arrays in javascript:

1 Using concat method
2 Using spread operator

Merge Arrays

1 Concat method

Points to be taken care of while using concat() :

- It joins two or more arrays.

- It returns a new array, containing the joined arrays.

- It does not change the existing arrays.

Merge ARRAYS

```javascript
const array1 = ["I", "love", "code"];

const array2 = ["and", "coffee"];

const result1 = arr1.concat(arr2);

const result2 = [].concat(array1,array2);
```

result1

⟶ ["I", "love", "code","and", "coffee"];

result2

⟶ ["I", "love", "code","and", "coffee"];

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Merge Arrays

2 Spread operator

Since ES6, we can use the spread operator on arrays within an array literal([]) to merge them.

- It joins two or more arrays without changing the original arrays.

- It returns a new array, containing the joined arrays in the given sequence.

Merge ARRAYS

Spread Method

```javascript
const array1 = ["I", "love", "code"];

const array2 = ["and", "coffee"];

const result1 = [...array1,...array2];

const result2 = [...array2,...array1]
```

result1

➡️ ["I", "love", "code","and", "coffee"]

result2

➡️ ["and", "coffee", "I", "love", "code"]

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