

JavaScript Array.copyWithin() - 5 Examples

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// Example 1: Basic usage - copy elements starting at index 0 to index 3

const arr1 = [1, 2, 3, 4, 5];

arr1.copyWithin(3, 0, 2);

console.log('Example 1:', arr1); // [1, 2, 3, 1, 2]

// Example 2: Copy from index 1 to end, paste starting at index 0

const arr2 = ['a', 'b', 'c', 'd'];

arr2.copyWithin(0, 1);

console.log('Example 2:', arr2); // ['b', 'c', 'd', 'd']

// Example 3: Copy part of array to index 2

const arr3 = [10, 20, 30, 40, 50];

arr3.copyWithin(2, 0, 2);

console.log('Example 3:', arr3); // [10, 20, 10, 20, 50]

// Example 4: Using negative indices

const arr4 = [1, 2, 3, 4, 5];

arr4.copyWithin(-2, 0, 2);

console.log('Example 4:', arr4); // [1, 2, 3, 1, 2]

// Example 5: No end index (copies till the end)

const arr5 = [100, 200, 300, 400, 500];

arr5.copyWithin(1, 3);

console.log('Example 5:', arr5); // [100, 400, 500, 400, 500]
```