

JavaScript Array.map() Method - 5 Different Examples

Example 1: Double each number in an array

```
-----  
  
const numbers = [1, 2, 3, 4, 5];  
  
const doubled = numbers.map(num => num * 2);  
  
console.log(doubled); // [2, 4, 6, 8, 10]
```

Example 2: Convert array of strings to uppercase

```
-----  
  
const fruits = ["apple", "banana", "cherry"];  
  
const upperFruits = fruits.map(fruit => fruit.toUpperCase());  
  
console.log(upperFruits); // ["APPLE", "BANANA", "CHERRY"]
```

Example 3: Extract names from array of objects

```
-----  
  
const users = [  
  { name: "Alice", age: 25 },  
  { name: "Bob", age: 30 },  
  { name: "Charlie", age: 35 }  
];  
  
const names = users.map(user => user.name);  
  
console.log(names); // ["Alice", "Bob", "Charlie"]
```

Example 4: Add index to each element in array

```
-----
```

```
const letters = ["a", "b", "c"];

const indexed = letters.map((letter, index) => `${index}: ${letter}`);

console.log(indexed); // ["0: a", "1: b", "2: c"]
```

Example 5: Format numbers as currency strings

```
-----

const prices = [10.5, 23, 5.75];

const formatted = prices.map(price => `$$${price.toFixed(2)}`);

console.log(formatted); // ["$10.50", "$23.00", "$5.75"]
```