



# JAVASCRIPT

# INTERVIEW QUESTIONS



// Question No.39 "Discuss the importance of immutability when working with array methods. Demonstrate how you would perform immutable operations using methods like `map` or `filter`."

```
let numbers = [1, 2, 3, 4, 5];
let squaredNumbers = numbers.map(num => num * num);

console.log('Original Array:', numbers);
console.log('Squared Numbers (Immutable):', squaredNumbers);

let evenNumbers = numbers.filter(num => num % 2 === 0);
                                Original Array: [ 1, 2, 3, 4, 5 ]
console.log('Original Array:', numbers);
console.log('Even Numbers (Immutable):', evenNumbers);
```

// Output:

```
Original Array: [ 1, 2, 3, 4, 5 ]
Squared Numbers (Immutable): [ 1, 4, 9, 16, 25 ]
Original Array: [ 1, 2, 3, 4, 5 ]
Even Numbers (Immutable): [ 2, 4 ]
```





# THANK YOU

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