JavaScript Interview Questions Practice

1. Basic JavaScript Questions

- Difference between var, let, and const?

- What are primitive and non-primitive data types?

- Explain hoisting in JavaScript.

- Difference between == and ===?

- What is scope in JavaScript? (Global, Local, Block)

- What is a closure?

- What is a callback function?

- Explain event bubbling and capturing.

- Difference between null and undefined.

- What is type coercion and type conversion?

2. Functions & Execution Context

- Difference between arrow function and normal function?

- What does 'this' keyword refer to in different contexts?

- What is IIFE (Immediately Invoked Function Expression)?

- What are higher order functions?

- What is callback hell?

- Difference between call, apply, and bind?

3. Asynchronous JavaScript

- Explain the event loop in JavaScript.

- What is the call stack?

- Difference between setTimeout and setInterval?

- What are Promises and async/await?

- Difference between microtask and macrotask queue?

4. DOM Manipulation

- What is the DOM?

- Difference between querySelector and getElementById?

- How to handle events in JavaScript?

- What is preventDefault()?

- What is event delegation?

5. Array/Object Methods

- Usage of map(), filter(), reduce(), forEach(), some(), every()

- What is destructuring in JavaScript?

- Explain spread and rest operators.

- What is optional chaining and nullish coalescing?

6. Advanced Topics

- What is debouncing and throttling?

- Prototypal vs class inheritance?

- Explain module system (import/export).

- What are memory leaks and how to avoid them?

- Difference between Map/Set and WeakMap/WeakSet?

- What is currying?

- Difference between shallow and deep copy?

7. Coding Practice Questions

- Reverse a string or number.

- Check for palindrome.

- Implement FizzBuzz.

- Flatten a nested array.

- Find duplicates in an array.

- Deep clone an object.

- Implement custom map() or filter().

8. Browser Related

- Difference between localStorage, sessionStorage, and cookies?

- Synchronous vs asynchronous JavaScript.

- What is CORS?

- How JavaScript runs in the browser?