

50 JavaScript Interview Questions & Answers

1. What is JavaScript?

JavaScript is a scripting language used to make web pages interactive.

2. Difference between var, let, and const?

var is function-scoped, let and const are block-scoped. const cannot be reassigned.

3. What is a callback function?

A function passed as an argument to another function.

4. What is an arrow function?

A shorter syntax for functions: const add = (a,b) => a+b.

5. What is hoisting?

JavaScript moves variable and function declarations to the top of their scope.

6. What is the DOM?

The Document Object Model represents the structure of a webpage.

7. What is event bubbling?

An event propagates from the target element to its ancestors.

8. What is event delegation?

Handling events at a parent level instead of each child element.

9. What is NaN?

NaN stands for Not-a-Number and indicates invalid number operations.

10. What is === operator?

Strict equality: checks value and type.

11. What are template literals?

Strings with embedded expressions using backticks (`).

12. What is async/await?

Syntax for working with Promises in a cleaner way.

13. What is a Promise?

An object representing a future result of an asynchronous operation.

14. What is localStorage?

A browser storage API that stores key-value data permanently.

15. What is sessionStorage?

Stores data for a session; removed when tab is closed.

16. Explain closures.

A closure gives access to an outer function's scope from an inner function.

17. What is the event loop?

It handles asynchronous operations in JavaScript.

18. What is a higher-order function?

A function that takes or returns another function.

19. What is JSON?

A data format using key-value pairs.

20. What is a JavaScript module?

Reusable code files exported and imported between scripts.

21. What is destructuring?

Extracting values from arrays/objects into variables.

22. What is spread operator?

... used to expand iterable elements.

23. What is REST API?

A set of rules for communication between client and server.

24. What is CORS?

A browser security feature restricting cross-origin requests.

25. What is a framework?

Predefined structure for building applications.

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