

JavaScript Interview Questions (25 One-Liners)

Q1. What is JavaScript?

A high-level, interpreted programming language used to create dynamic web content.

Q2. Is JavaScript a compiled or interpreted language?

It is an interpreted language (executed by the browser's JavaScript engine).

Q3. What are the data types in JavaScript?

String, Number, Boolean, Undefined, Null, Object, Symbol, and BigInt.

Q4. What is the difference between var, let, and const?

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

Q5. What is hoisting in JavaScript?

The behavior where variable and function declarations are moved to the top of their scope.

Q6. What is NaN?

A special value representing "Not-a-Number".

Q7. What is the difference between == and ===?

== checks value only, === checks both value and type.

Q8. What is a closure?

A function that has access to its outer function's variables even after the outer function has executed.

Q9. What is the DOM?

The Document Object Model represents the structure of a web page.

Q10. What is an event in JavaScript?

An action triggered by the user or browser, such as a click or load.

Q11. What is event bubbling?

The event propagation from child elements to parent elements.

Q12. What is event capturing?

The event propagation from parent elements to child elements.

Q13. What is this keyword?

It refers to the object that is currently executing the code.

Q14. What is an arrow function?

A shorter syntax for writing functions that does not bind its own this.

Q15. What is an array?

A collection used to store multiple values in a single variable.

Q16. What is the difference between null and undefined?

null is an assigned empty value, while undefined means a variable is not assigned.

Q17. What is JSON?

JavaScript Object Notation used for data exchange.

Q18. What is setTimeout()?

A function that executes code after a specified delay.

Q19. What is setInterval()?

A function that executes code repeatedly at specified intervals.

Q20. What is a promise?

An object representing the eventual completion or failure of an asynchronous operation.

Q21. What are callbacks?

Functions passed as arguments to be executed later.

Q22. What is async/await?

Syntax that simplifies working with promises in asynchronous code.

Q23. What is localStorage?

A web storage API that stores data persistently in the browser.

Q24. What is sessionStorage?

A web storage API that stores data for a single browser session.

Q25. What is strict mode?

A JavaScript feature that enforces stricter parsing and error handling.