

JAVASCRIPT INTERVIEW QUESTIONS





What is the difference between JavaScript and Java?

JavaScript is a scripting language used for client-side web development, while Java is a general-purpose programming language often used for server-side development and building applications.





What are the different data types in JavaScript?

In JavaScript, the different data types include numbers, strings, booleans, undefined, null, symbols, big integers, and objects.





What are the different ways to create objects in JavaScript?

- Object Literal: You can create an object using object literal syntax by enclosing keyvalue pairs within curly braces {}.
- Constructor Function: You can define a constructor function and create objects by using the new keyword along with the constructor function.
- Object.create(): The Object.create() method creates a new object with an existing object as its prototype.
- ES6 Classes: Provides a syntactical way to create objects with methods and properties.





Explain hoisting in JavaScript.

Hoisting in JavaScript is the process by which variable and function declarations are moved to the top of their containing scope during compilation, allowing them to be used before they are declared in the code.





Explain the concept of prototype in JavaScript.

The prototype in JavaScript is an internal property of an object that allows objects to inherit properties and methods from other objects through a prototype chain. It enables object-based inheritance and provides a mechanism for sharing functionality between objects.







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