

1.What is client-side and server-side in web development, and what is the main difference between the two?

ans: Client-side refers to the code that runs in the user's browser, while server-side refers to the code that runs on the web server. The main difference is that client-side code executes on the user's device, while server-side code executes on the server.

2.What is an HTTP request and what are the different types of HTTP requests?

ans: An HTTP request is a message sent by a client (usually a web browser) to a server, requesting a specific action or resource. The different types of HTTP requests include GET, POST, PUT, DELETE, PATCH, HEAD, and OPTIONS.

3.What is JSON and what is it commonly used for in web development?

ans: JSON (JavaScript Object Notation) is a lightweight data interchange format widely used in web development.

It represents data in key-value pairs and supports nested structures. JSON is commonly used for transmitting data between a server and a web application.

4.What is a middleware in web development, and give an example of how it can be used.

ans: In web development, middleware refers to software components that sit between the client and the server. They can intercept and process requests or responses. For example, a middleware can be used to authenticate users, handle logging, or modify request parameters before reaching the server.

5.What is a controller in web development, and what is its role in the MVC architecture?

ans: In web development, a controller is a component that handles user requests and manages the flow of data within the Model-View-Controller (MVC) architecture. It receives input from the user, interacts with the model to fetch or modify data, and selects the appropriate view to present the response back to the user. The controller acts as the intermediary between the user interface and the underlying data and business logic.