

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

Ans: Server-side processes have access to the server's resources, such as its CPU, memory, and storage, as well as any databases or other servers that the web application uses. Client-side processes, on the other hand, have access only to the resources of the user's device, such as its CPU, memory, and storage.

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

Ans: All requests are sent using an "HTTP method". The method designates the type of request being made to the web server. The most common types of request methods are GET and POST but there are many others, including HEAD, PUT, DELETE, CONNECT, and OPTIONS.

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

Ans:JavaScript Object Notation (JSON) is a standard text-based format for representing structured data based on JavaScript object syntax. It is commonly used for transmitting data in web applications (e.g., sending some data from the server to the client, so it can be displayed on a web page, or vice versa).

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

Ans:For example, a web server is middleware that connects websites to the backend database. When you submit a form on a website, your computer sends the request in XML or JSON to the web server.

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

Ans:Controllors act as an interface between Model and View components to process all the business logic and incoming requests, manipulate data using the Model component and interact with the Views to render the final output.