

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

Answer:

Client-side web development means building and viewing the website in the clients/user's device. For example, website layout, UI/UX, validation etc. are done by using client's device.

Server-Side development means building the data in the back-end and sending data to client's device just for view.

The main difference is in client-side development, presentation and data processing is done in the client's device whereas in server-side development processing is done in the server and client just see the frontend.

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

Answer:

When a http-client send a request to fetch data from server side, then the request is called HTTP request. Different types of http request are GET, POST, PUT, PATCH, DELETE.

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

Answer:

JSON means Javascript Object Notation. It is a lightweight data transmission language where data is presented in a key value pair which is also human readable.

It is very important for web development as all major language supports JSON, so it's a must for exchanging data in the internet/http request.

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

Answer:

Middleware is software that lies between http request and response and perform some specific tasks like authentication, parsing etc. it gives developer independence in the way that, developer can use data in the way he wishes.

Middleware can be route level specific and can also be application level specific.

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

Answer:

Controller in web development means a software design pattern that acts as intermediary between view and model. It renders view according to business logic and use model to present data in the view.