

Short Answer Questions

Question 01: What is client-side and server-side in web development, and what is the main difference between the two?

Answer: Client-side and server-side in web development refer to the different components and processes involved in handling web requests and generating web pages.

Question 02: What is an HTTP request and what are the different types of HTTP requests?

Answer: An HTTP request is a message sent by a client (usually a web browser) to a server, requesting a specific resource or action.

Question 03: What is JSON and what is it commonly used for in web development?

Answer: JSON (JavaScript Object Notation) is a lightweight data interchange format commonly used in web development. It provides a way to structure data that is easy for humans to read and write and easy for machines to parse and generate. JSON is often used for transmitting data between a server and a web application or between different components of a web application, enabling efficient and standardized data exchange.

Question 04: What is a middleware in web development, and give an example of how it can be used?

Answer: In web development, middleware refers to software components that sit between the client and the server or between different layers of an application. It acts as a bridge, handling requests and responses, modifying them, or performing additional processing before passing them on.

Question 05: What is a controller in web development, and what is its role in the MVC architecture?

Answer: In the context of web development and the Model-View-Controller (MVC) architecture, a controller is a component responsible for handling user input, processing requests, and coordinating the model and view components. It acts as an intermediary between the user interface (view) and the data (model).