

### Answer to the questions 1-5

1. In web development, client-side refers to the execution of code or processing that occurs on the client's web browser, while server-side refers to the execution of code or processing that occurs on the web server. The main difference between the two is that client-side code is run on the client's device, such as a browser, and is responsible for the user interface and interactions, while server-side code is run on the server and handles data storage, business logic, and other server-related operations.
2. An HTTP (Hyper Text Transfer Protocol) request is a message sent by a client (typically a web browser) to request information from a server. There are several types of HTTP requests, including GET, POST, PUT, DELETE and PATCH are most usable.
3. JSON (JavaScript Object Notation) is a lightweight data interchange format that is easy for humans to read and write and easy for machines to parse and generate. It is commonly used for transmitting data between a server and web application as an alternative to XML.
4. Middleware in web development refers to software that acts as a bridge between an application's front-end and back-end components. It can be used to perform tasks such as authentication, logging, error handling and more. An example of how middleware can be used is by adding a middleware function that logs all incoming requests before they are processed by the application.
5. In web development, a controller is a component of the Model-View-Controller (MVC) architecture that handles user input and updates the model accordingly. Its role is to receive input from the user via the view component, update the model accordingly and then send updates back to the view.