

### **1. Explain on what is Express.**

Express.js is based on Node.js web application framework that has a lot of robust set of features that can help in building different web and mobile applications. It is based on the HTTP core module, and it has a lot of features such as defining routes to handle HTTP and URL methods (GET, POST, PUT, DELETE, etc.), using middlewares to handle different requests and responses, and many more others. Express also uses JavaScript as a programming language to provide a way to be more productive and efficient in building different web applications and API's (Application Programming Interface).

### **2. What is the role of Request and Response in creating routes in Express?**

Both Request and Response play an important role in handling the different HTTP requests and sending responses in route handling. The Request represents the HTTP request, and it also contains information regarding the specific request made by a client in a system. On the other hand, Response is the one responsible for representing the HTTP response that will be sent to the client. By using these two properly, we are able to properly manage and handle the behavior of the routes regarding HTTP communication which could help a lot in meeting the needs of the web/mobile application.

### **3. Discuss the difference of GET and POST method.**

As the terms suggest, the GET method retrieves a specific data from a server which can be used to handle different request that does not modify a server's state. It is usually only used when requests are about searching, filtering, or paging data. On the other hand, the POST method submits data to a server in order to create or to update a specific resource, which results to a change in server state. Unlike the GET method, the POST method is used for requests about submitting forms, modifying data, and creating new data or resources.