

Module 9) React

React – Json-Server And Firebase Real Time Database

- **Question 1: What do you mean by RESTful web services?**

Answer: RESTful web services are APIs that follow simple rules for communication using HTTP methods like GET, POST, PUT, DELETE to interact with data from a server.

- **Question 2: What is Json-Server? How we use in React?**

Answer: JSON-Server is a fake REST API tool that helps you create a backend quickly using a JSON file. In React, we use it to test API calls during development.

- **Question 3: How do you fetch data from a JSON-server API in React?**

Answer: We use `fetch()` or `axios()` to get data from the JSON-server and display it in React. These methods make HTTP requests to the API and return the response data.

- **Question 4: What is Firebase? What features does Firebase offer?**

Answer: Firebase is a platform by Google that offers backend services like database, authentication, file storage, and hosting — useful for building web and mobile apps.

- **Question 5: Why handle errors and loading states when working with APIs in React?**

Answer: It's important because users should know when data is loading or if something goes wrong. This improves the user experience and avoids confusion.