1. What do you mean by RESTful web services?

(ans) RESTful web services is a stateless client-server architecture where web services are resources and can be identified by their urls. REST client applications can use HTTP GET/POST methods to invoke RESTful web services. RESTful web services are lightweight and encourage simplicity, it is designed to be scalable .

1. What is Json-Server? How we use in React ?

(ans) the Json-Server helps frontend developers stimulate all types of HTTP requests (GET,POST,PATCH,DELETE) to the mock server. This aids in developing interactive applications that need to fetch data, create new data, update existing data, or delete data from the server.

1. How do you fetch data from a Json-server API in React? Explain the role of fetch() or axios() in making API requests.

(ans) to fetch data from an API and display it in JS, you need to define a const data and store it in json by await response. Json() method. When we get the data from API by fetch() method in the data variable, pass it to the function which will show the data fetched.

1. What is Firebase? What features does Firebase offer?

(ans) firebase helps you to launch tour web apps without requiring you to set up any complex infrastructure. New! Ship dynamic, full stack apps with security and stability of google cloud, streamlined deployments from github, and support for modern web frameworks.

1. Discuss the importance of handling errors and loading states when working with APIs in React

(ans) handling errors and loading states are important in react because it helps ensure a good user experience and prevents apps from crashing. Errors in react can be caused by many things, including network issues, coding mistakes, or an external API that’s down. If an app crashes, users may lose trust in it and feels like its unreliable.