

1. Tell us the differences between uncontrolled and controlled components?

Ans : Uncontrolled components are components that do not maintain their own state.

This means that their behavior and appearance cannot be controlled by the parent component.

Controlled components, on the other hand, maintain their own state and behavior. This means that their appearance and behavior can be controlled by the parent component.

2. How to validate React props using PropTypes?

Ans : To validate React props using PropTypes, you can use the PropTypes library, which is available as a separate package.

PropTypes validators :

The prop can be of any data type.

bool : The prop should be a Boolean.

number : The prop should be a number.

string : The prop should be a string.

func : The prop should be a function.

array : The prop should be an array. object : The prop should be an object.

3. Tell us the difference between nodejs and express js.?

Ans : Node.js is a runtime environment for executing JavaScript code outside of a browser. It provides an environment for running JavaScript on the server-side. Express.js, on the other hand, is a web application framework built on top of Node.js. It provides a set of tools and APIs to build web applications with Node.js.

4. What is a custom hook, and why will you create a custom hook?

Ans : In React, a custom hook is a function that allows you to reuse stateful logic across multiple components. Custom hooks follow a specific naming convention in React: their name must start with "use" followed by the name of the hook. This indicates that they are hooks and can be used to share logic between components.