

1.How will you send data from a Child Component to the parent component?

Ans:

We know that we can't send data to the parent component directly because we know react is one way data binds. So what we have to do that we need to declare a state on the parent component and then pass the setState function using props and then set the state using that on the children component and that's how we can send data from the child component to the parent component.

2.What is the best way to send 4 or more props to a child component?

Ans:

To pass props more than 4 we can do that we can group it into one similar object and pass it as an object. That's I think the best way to pass multiple props..

3.What is Redux and and what is the purpose of Redux?

Ans:

Redux is a library of React Js. The purpose of Redux is to maintain state and it allows us to manage my apps state into one single place and if I make any changes that makes my app more predictable and traceable.

4.What is React native? What do you know about React Native?

Ans:

React Native is a Javascript library that allows us to make cross platform apps. We can build Android and IOS apps using React Native. Because I'm comfortable working with React Js and There is many things similar in React JS and React Native except few things like EventListener and HTML because it does not works same way in React Native so ,I am not so much comfortable with it., But I can assure you that If I get a week to practice React Native I will also become comfortable working with React Native.

5.What are Higher order components? Give us an example.

Ans:

In React Higher order components is a function that takes a component as a parameter and it returns a new component.I can give you a simple example . Imagine, You are Peter Parker from Spiderman. Peter Parker becomes spider man when he wears his costume. That's the same way HOC works. HOC takes the original component (Peter

Parker) and gives it as a parameter as in function(think custom like a function) and it generates a new component (spiderman) that has some more functionality than the original one..

6.Is there any reason to return something from a useEffect hook?

Ans:

Yes we need to return something from useEffect hook. We know that we use hooks to get something from another function on different pages. To get something we need to return something. And we useEffect to side Load something in React Js because we are returning something from another function and we can set it in a state so we need to return something from useEffect in hooks.

7.How will you optimize a react application?

Ans:

To optimize React Application I will try to minimize code duplication using components, state and functions that do similar things. And I will stop all the inline functions and try to lazy load the media files.

8.What are the different ways to manage state in a React Application

Ans:

We can manage our state in main 4 different ways:

1. Local State: Local state is used to manage the data in one or another component.
2. Global State: In Global state we manage our data across multiple components.
3. Server State: When data comes from an external server and we manage to integrate that in our UI state.
4. URL State: When the data is on our URLs and that include pathname and query parameter that is URL.

8.Why do we inject dependency inside a useEffect hook?

Ans:

We have to use dependency in useEffect hook. Because if we don't it will be called infinite time and load the data infinite time and that should make the performance of the website worse. So I have to use dependency in a useEffect hook.

9.How will you prevent re-render in react applications?

Ans:

To prevent re-render in class components we can use `shouldComponentUpdate` or `React.PureComponent` class extension. We can also use `React.memo()` to prevent re-render on Function Components.

10.Tell me some disadvantages of Reactjs

Ans:

Everything in this world has something good and bad. React is also not out of this. Despite having so many pros, React Js has problems with SEO . And It also does not have proper documentation.

11.Does React perform one-way data binding or two way data binding?

Ans:

We know that we can't send data to the parent component from the child component like we send the data from parent to child using props. That means that it has one way of data binding. If we could send the data from the child component also it would be two way data binding.