

1. **What is JSX, and how is it different from regular JavaScript?**
2. **What is the difference between a class component and a functional component in React?**
3. **Explain the concept of "state" in React. How do you manage state in functional components?**
4. **What is the purpose of the `useEffect` hook, and how does it work?**
5. **How do you pass data from a parent component to a child component in React?**
6. **What is React's virtual DOM, and why is it important?**
7. **What is the Context API, and how would you use it to manage global state?**
8. **What is the purpose of keys in React lists, and why are they important?**
9. **What is the difference between `useState` and `useReducer` ? When would you use one over the other?**
10. **What are React fragments, and why would you use them instead of a wrapper element like a `div` ?**