**Beginner level:**

1. How to pass props from a parent component to a child component and use it to set the initial state of the child component.
2. How to use props to conditionally render a component and update its state accordingly.
3. How to use props to trigger state updates in a parent component using callback functions.

**Intermediate level:**

1. Best practices for managing state and props in React applications.
2. Using props and state to create controlled and uncontrolled components.
3. Using props and state to implement a dynamic form in a React application.
4. Using props and state to implement a toggle feature in a React component.

**Advanced level:**

1. Using the React Context API to share state and props between components.
2. Using the Flux architecture and Redux to manage state and props in a large React application.
3. Using props and state with server-side rendering (SSR) to render dynamic content on the server.
4. Using TypeScript with props and state to improve the type safety of a React application.
5. Optimizing the performance of a React application by minimizing the use of props and state and using techniques like memoization.