

# REACT.JS INTERVIEW QUESTIONS WITH ANSWER



Hassan Mujtaba | Full Stack Developer  
@javascriptwithhassan



**Q) What is React.js?**

**A) React.js is a JavaScript library for building user interfaces. It was developed by Facebook and has become popular among developers for its ease of use, reusability, and performance.**

**Q) What are the benefits of using React.js?**

**A) Some of the benefits of using React.js include its ability to create reusable components, its use of a virtual DOM for efficient updates, and its strong community support.**



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@javascriptwithhassan



**Q) What is JSX in React.js?**

**A) JSX is a syntax extension for JavaScript that allows you to write HTML-like code in your JavaScript files. It is used in React.js to describe the structure of your user interface.**

**Q) What is the difference between a component and an element in React.js?**

**A) A component is a reusable piece of code that represents a part of a user interface, while an element is an instance of a component that is rendered to the screen.**



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**Q) What is the difference between props and state in React.js?**

**A) Props are immutable and are passed down from a parent component to a child component, while the state is mutable and is managed within a component.**

**Q) What are the lifecycle methods in React.js?**

**A) The lifecycle methods in React.js allow you to run code at specific points in a component's lifecycle, such as when it is mounted, updated, or unmounted. Some of the most commonly used lifecycle methods include `componentDidMount`, `componentDidUpdate`, and `componentWillUnmount`.**



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**Q) What is the purpose of the render() method in React.js?**

**A) The render() method in React.js is used to generate the output that will be rendered to the screen. It should be a pure function that takes in props and state and returns a React element.**

**Q) What is the difference between a controlled component and an uncontrolled component in React.js?**

**A) A controlled component is one whose value is controlled by React.js, while an uncontrolled component is one whose value is controlled by the user.**



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**Q) What is Redux in React.js?**

**A)** **Redux is a state management library for JavaScript applications. It provides a centralized store for managing application state and makes it easier to keep track of changes to that state.**

**Q) What are React hooks in React.js?**

**A)** **React hooks are functions that allow you to use state and other React features in functional components. They were introduced in React 16.8 and are a more concise and readable way of writing components than class components.**



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