
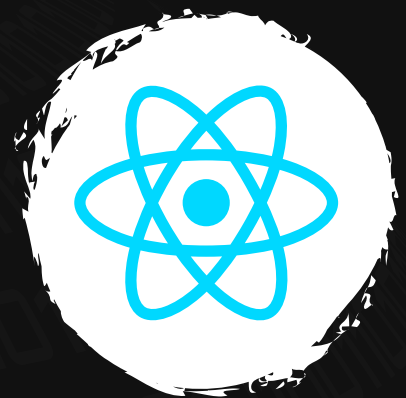





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# Frontend Interview Questions



Haris Ahmad   
@harisahmad59



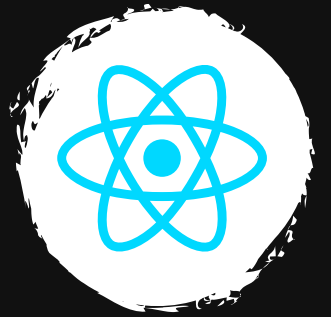
1. What is the purpose of the **DOCTYPE** declaration in HTML?
2. Explain the difference between **<div>** and **<span>** in HTML?
3. How do you link an external CSS stylesheet to an HTML document?
4. What is the significance of the alt attribute in the **<img>** tag?
5. Describe the difference between **GET** and **POST** methods in HTML forms.
6. What is the purpose of the **<meta>** tag, and how is it used?
7. How can you create a hyperlink that opens in a new tab or window?
8. What is the semantic difference between **<strong>** and **<b>**, and **<em>** and **<i>**?
9. Explain the concept of HTML5 semantic elements and provide examples.
10. How does the **<iframe>** tag work, and what is it commonly used for in HTML?



1. What is the **box model in CSS** and how does it work?
2. Explain the difference between **margin** and **padding** in CSS.
3. How can you center an element horizontally and vertically in CSS?
4. What is the purpose of the z-index property in CSS?
5. Describe the difference between **inline** and **block-level elements** in CSS.
6. What is the difference between **display: none** and **visibility: hidden** in CSS?
7. How do media queries work in responsive web design with CSS?
8. Explain the CSS selector specificity and how it affects styling.
9. What is the **clearfix hack**, and why is it used in CSS?
10. How can you include **external fonts** in a web page using CSS?



1. What is the difference between **let**, **const**, and **var** in JavaScript?
2. Explain the concept of **closures** in JavaScript.
3. How does **prototypal inheritance** work in JavaScript?
4. What is the purpose of the **this** keyword in JavaScript?
5. How do you handle **asynchronous** operations in JavaScript?
6. What is **event delegation** in JavaScript?
7. Explain the difference between **==** and **===** in JavaScript.
8. How can you create a new object in JavaScript?
9. Describe the concept of **hoisting** in JavaScript.
10. What is the use of the **map** and **filter** functions in JavaScript?



1. What is **JSX** in React and why is it used?
2. Explain the difference between **state** and **props** in React.
3. How does React handle **component lifecycle** methods?
4. What is the **significance of keys** in React lists?
5. What is the purpose of the **virtual DOM** in React?
6. How do you handle forms in React?
7. Explain the concept of **lifting state up** in React.
8. What are **React hooks** and how do they differ from class components?
9. Describe the role of the **useEffect** hook in React.
10. How does **routing** work in React applications?





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