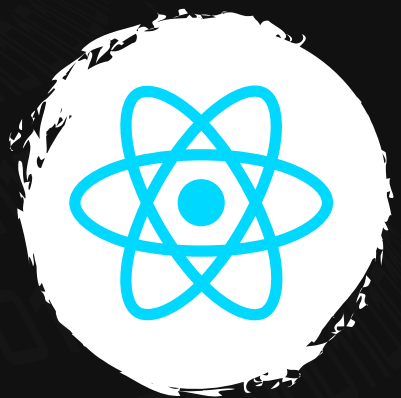# Frontend Interview
Questions

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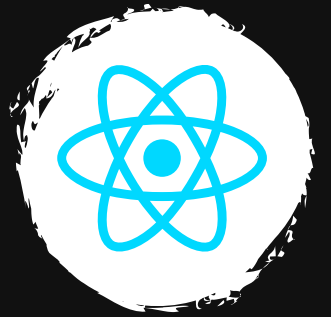
1. What is the purpose of the DOCTYPE declaration in HTML?
2. Explain the difference between `<div>` and `<span>` in HTML?
3. How do you link an external CSS stylesheet to an HTML document?
4. What is the significance of the alt attribute in the `<img>` tag?
5. Describe the difference between GET and 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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