

Beginner to Intermediate HTML, CSS, and JavaScript Interview Questions

HTML Questions

****Basics****

1. What is HTML, and what does it stand for?
2. How do you create a hyperlink in HTML?
3. What is the purpose of the <doctype> declaration?

****Elements and Attributes****

4. Explain the difference between block-level and inline elements.
5. What is the role of data attributes in HTML?
6. What is the purpose of 'alt' attribute in images?

****Forms and Input****

7. How do you create a form in HTML?
8. List and explain different input types in HTML5.
9. What are the advantages of the <label> tag in forms?

****HTML5****

10. What are semantic tags in HTML5? Give examples.
11. Explain the purpose of the <section>, <article>, and <aside> tags.
12. How do you embed audio and video content in HTML?

****SEO****

13. What HTML tags are important for SEO?
14. Explain the purpose of the <meta> tags.
15. How does the 'rel' attribute in the <link> tag help with SEO?

CSS Questions

****Selectors and Specificity****

1. Explain the concept of specificity in CSS.
2. How does the '*' (universal selector) work?
3. What is the difference between class selectors ('.') and ID selectors ('#')?

****Box Model****

4. Explain the CSS box model and its components.
5. What does 'box-sizing: border-box' do?
6. How would you create a layout with padding and margins without increasing the box size?

****Layout Techniques****

7. Explain Flexbox and its main properties (e.g., justify-content, align-items).
8. What is CSS Grid, and how is it different from Flexbox?
9. How do you center a div horizontally and vertically?

****Responsive Design****

10. What is a media query, and how is it used?
11. Explain the concept of a mobile-first design.
12. How do vw and vh units differ from % and px?

****Styling and Animations****

13. What are CSS transitions, and how do you create them?
14. How do you implement a CSS animation?
15. Explain the use of pseudo-classes like ':hover' and ':focus'.

JavaScript Questions

****Basics****

1. What is JavaScript, and how is it different from Java?
2. Explain the difference between let, var, and const.
3. What are data types in JavaScript?

****Functions and Scope****

4. What are arrow functions, and how do they differ from regular functions?
5. Explain the concept of closures in JavaScript.
6. What is the difference between function declarations and function expressions?

****DOM Manipulation****

7. How do you select elements in the DOM?
8. What are event listeners, and how do you use them?
9. Explain the purpose of document.createElement().

****Control Flow****

10. Explain the difference between '==' and '==='.
11. What is the difference between if-else and switch statements?
12. How do you handle exceptions in JavaScript?

****ES6+ Features****

13. What are template literals, and how are they used?
14. Explain destructuring in JavaScript.
15. How does the spread operator ('...') work?

****Asynchronous JavaScript****

16. What is a Promise, and how does it work?
17. Explain the concept of async/await.
18. How do you handle asynchronous errors?