HTML, CSS, and JavaScript Interview Questions

HTML Interview Questions

- What is HTML?

- What are tags and elements in HTML?

- Whats the difference between <div> and <span>?

- What are semantic tags? Why are they important?

- Whats the difference between HTML4 and HTML5?

- How do you structure a basic HTML page?

- What are void (self-closing) elements in HTML? Give examples.

- What is the role of <head>, <body>, and <title>?

- What is the difference between <id> and class attributes?

- Whats the use of the <meta> tag?

- How do you create a form in HTML?

- What are the different input types in HTML5?

- What is the use of the label tag?

- How do you associate a label with an input field?

- What is the difference between GET and POST methods in a form?

- How do you embed an image/audio/video in HTML?

- What is the use of the <iframe> tag?

- What is the difference between <embed> and <object>?

- What are ARIA roles?

- What are some accessibility best practices in HTML?

CSS Interview Questions

- What is CSS and why is it used?

- What are the different types of CSS (Inline, Internal, External)?

- Whats the difference between id and class in CSS?

- What is specificity in CSS?

- What is the use of the !important declaration?

- What are the different types of CSS selectors?

- What is the difference between position: relative, absolute, fixed, and sticky?

- How does the z-index work?

- How do you center a div vertically and horizontally?

- What is the difference between em, rem, %, and px?

- Explain the CSS Box Model.

- Whats the difference between margin, padding, and border?

- What is the difference between display: none and visibility: hidden?

- What is Flexbox? How does it work?

- What is the difference between Flexbox and Grid?

- What are media queries in CSS?

- How do you make a website responsive?

- What is the difference between min-width and max-width in media queries?

- How do you create a CSS animation?

- What are pseudo-classes and pseudo-elements in CSS?

JavaScript Interview Questions

- What is JavaScript and how is it different from Java?

- Where can you include JavaScript in an HTML file?

- What is the difference between var, let, and const?

- What are data types in JavaScript?

- What is hoisting in JavaScript?

- What is the difference between function declaration and function expression?

- What is the difference between global scope and local scope?

- What are arrow functions?

- What are closures in JavaScript?

- What is a callback function?

- How do you create an object in JavaScript?

- What is the difference between dot notation and bracket notation?

- How do you loop through an object or array?

- What are array methods like .map(), .filter(), .reduce()?

- What is the DOM?

- How do you select elements using JavaScript?

- What is the difference between innerText, innerHTML, and textContent?

- How do you handle events in JavaScript?

- What is event bubbling and event delegation?

- What is destructuring in JavaScript?

- What are template literals?

- What are default parameters?

- What is the spread and rest operator?

- What is the use of try...catch in JavaScript?

- What is the difference between == and ===?

- What are promises?

- What is async/await?

- What is the difference between synchronous and asynchronous code?

- What are null and undefined in JavaScript?

- What is the use of setTimeout and setInterval?