

HTML Interview Questions

1. What is HTML?
2. What is the difference between HTML and XHTML?
3. What is the purpose of DOCTYPE in HTML?
4. What are HTML elements and tags?
5. Explain the difference between block-level and inline elements in HTML.
6. What is the purpose of HTML attributes? Give an example.
7. Explain the difference between `<div>` and `` elements.
8. What is semantic HTML, and why is it important?
9. What is the `<meta>` tag, and why is it used?
10. How do you comment out code in HTML?
11. What is the purpose of the `<head>` section in an HTML document?
12. What are self-closing tags in HTML? Provide an example.
13. How do you create a hyperlink in HTML?
14. What is the difference between the `` and `` elements?
15. What is an HTML form, and how is it created?
16. Explain the difference between the GET and POST methods in HTML forms.
17. What is the purpose of the HTML `<table>` element, and how do you create a basic table?
18. How can you include external CSS and JavaScript files in an HTML document?
19. What is the HTML5 `data-*` attribute, and how can it be used?
20. What is the purpose of the `<iframe>` element, and how is it used in HTML?
21. What is the HTML Document Object Model (DOM), and how does it relate to HTML documents?
22. What is the difference between HTML, CSS, and JavaScript, and how do they work together to create web pages?
23. Explain the concept of HTML semantics and provide examples of semantic HTML elements.
24. What is the purpose of the `<form>` element in HTML, and how do you handle form submissions?
25. How can you include special characters, such as `<` and `>`, in HTML code without them being treated as tags?
26. What are HTML entities, and when should you use them?
27. How do you create an ordered list (``) and an unordered list (``) in HTML, and what are the differences between them?
28. What is an HTML anchor (`<a>`) tag, and how do you use it to create internal and external links?
29. What is HTML5 and what are some of its new features compared to previous versions of HTML?

30. Explain the purpose of the `<header>`, `<footer>`, `<nav>`, `<main>`, `<article>`, and `<section>` elements in HTML5.
31. How do you add multimedia content, such as audio and video, to an HTML document?
32. What is the purpose of the HTML `<canvas>` element, and how can you use it for drawing graphics and animations?
33. What is the difference between the `id` and `class` attributes in HTML, and when should you use each?
34. How can you create a responsive web design in HTML and CSS to ensure that a web page looks good on different devices and screen sizes?
35. Explain the purpose of the HTML `<meta>` tag's `viewport` attribute and how it affects the display of web pages on mobile devices.
36. What is the importance of web accessibility, and what are some HTML elements and attributes you can use to improve web accessibility?
37. How can you add comments to HTML code, and why are comments useful in web development?
38. What is the HTML `<blockquote>` element, and how is it used to display quotations?
39. What is the purpose of the HTML `<abbr>` element, and when should you use it?
40. How do you create a drop-down menu or a select box in HTML using the `<select>` element and `<option>` elements?
41. What is the purpose of the HTML `<meta>` tag's `charset` attribute, and why is it important for web development?
42. How do you create an HTML table with merged cells (`colspan` and `rowspan`)?
43. Explain the concept of HTML validation and how it can be performed.
44. What are HTML semantic elements, and why are they considered important for SEO and accessibility?
45. How can you embed external content, such as Google Maps or social media widgets, into an HTML page?
46. What is the purpose of the HTML `<iframe>` element, and what are some common use cases for it?
47. What is the role of the HTML `<pre>` element, and when should you use it?
48. How can you create a responsive image in HTML to ensure it scales appropriately on different screen sizes?
49. What are HTML data attributes, and how can they be used in conjunction with JavaScript?
50. How do you create a clickable email link (`mailto` link) in HTML?
51. Explain the differences between HTML4 and HTML5 DOCTYPE declarations.
52. What is the purpose of the HTML `<aside>` element, and how is it typically used in web design?
53. How can you add a background image to an HTML element using CSS?
54. What is the HTML `<meter>` element, and how is it used to represent scalar measurements?

55. How do you create an HTML5 video player with custom controls and subtitles?
56. What is the HTML **<details>** and **<summary>** elements, and how are they used to create interactive disclosure widgets?
57. Explain the concept of responsive images in HTML and how the **<picture>** element is used.
58. How can you create a 301 redirect in HTML for SEO purposes?
59. What is the HTML **<time>** element, and how is it used to represent dates and times on a web page?
60. How do you ensure cross-browser compatibility when developing an HTML and CSS-based website?