

91 HTML interview questions to hire top engineers

Questions

1. What is HTML and why do we use it?
2. Can you explain the basic structure of an HTML document? What are the essential tags?
3. What are HTML tags and elements? What is the difference between them?
4. Explain what attributes are in HTML. Give some examples.
5. What are some common HTML tags you've used, and what are they used for?
6. How do you create a link to another webpage using HTML?
7. How do you display an image on a webpage using HTML?
8. What is the difference between ordered lists and unordered lists in HTML?
9. How do you create a table in HTML?
10. What is the purpose of the `<head>` section in an HTML document?
11. What are some semantic HTML elements and why are they important?
12. Explain the difference between block-level and inline elements.
13. How do you add comments to your HTML code, and why are they useful?
14. What is the purpose of the DOCTYPE declaration in an HTML document?
15. How can you include CSS in an HTML document? What are the different ways?
16. What is the purpose of the `alt` attribute in the `<img>` tag?
17. Explain the difference between `<div>` and `<span>` elements.
18. What are HTML forms used for, and can you give an example of a form element?
19. How do you create a simple HTML form with input fields?
20. What is the difference between HTML4 and HTML5?
21. What is the viewport meta tag and why is it important for responsive design?
22. What is HTML? Can you describe its basic structure like you're explaining it to a five-year-old?
23. What do you understand by HTML tags and elements? Give a few examples of common HTML tags.
24. What are HTML attributes? Can you give some examples and explain how they're used?
25. Explain the difference between block-level and inline elements. Can you give some examples?
26. What is the purpose of the `<!DOCTYPE html>` declaration?
27. How do you create a hyperlink in HTML? Explain the purpose of the 'href' attribute.
28. How can you include an image in an HTML page? What is the purpose of the 'alt' attribute?
29. What are HTML lists? Describe the differences between ordered and unordered lists.
30. How would you create a simple HTML form with a text input and a submit button?
31. What are some semantic HTML tags, and why are they important?
32. Explain the difference between the `<head>` and `<body>` sections of an HTML document.
33. What is the purpose of the `<meta>` tag in HTML?
34. How do you add comments in HTML, and why are they useful?
35. Can you explain how to create a simple HTML table?
36. What is the purpose of the `<div>` and `<span>` elements?
37. If you had to structure a basic webpage, what HTML elements would you start with, and why?
38. How do you properly nest HTML tags? What happens if you don't?
39. Describe a scenario where you would use an `<iframe>` tag.
40. What is the difference between relative and absolute file paths when linking resources in HTML?
41. Explain how you would link an external CSS file to an HTML document.
42. What are some of the advantages of using HTML5 over older versions of HTML?
43. How do you ensure your HTML code is valid and follows best practices?
44. Explain the concept of semantic HTML and why it's important for accessibility and SEO.
45. Describe the difference between `div` and `span` elements. When would you use one over the other?
46. What are the different types of HTML lists? Explain with examples.
47. How can you embed audio and video files in HTML? What attributes are important to consider?
48. Explain the purpose of the `canvas` element and its common use cases.
49. What is the difference between `localStorage` and `sessionStorage` in HTML5?
50. How do you create forms in HTML? What are the different types of input fields available?
51. What are HTML entities? Why are they used?
52. Explain the purpose of the `<meta>` tag and list some of its common attributes.
53. Describe how to structure a basic HTML document, including the `<!DOCTYPE>` declaration.
54. What are the benefits of using HTML5 over older versions of HTML?
55. How do you make a webpage responsive using HTML? What are some common techniques?
56. Explain the use of the `<figure>` and `<figcaption>` elements.
57. What is the purpose of the `<template>` element in HTML5?
58. How can you use HTML to create tables? What are the different elements involved?
59. Explain the difference between GET and POST methods in HTML forms.
60. What are web workers in HTML5 and when would you use them?
61. How can you improve the accessibility of your HTML documents? Provide specific examples.
62. Describe the purpose of the `<aside>` element and how it differs from a `<div>`.
63. Explain how to use the `<picture>` element for responsive images.
64. What are ARIA attributes and how do they enhance accessibility in HTML?
65. Explain the concept of web components and how they promote reusability in HTML.
66. How do you optimize HTML for different screen sizes using responsive design techniques?
67. Describe the use of ARIA attributes for improving accessibility in HTML documents.
68. What are the advantages of using semantic HTML, and how does it impact SEO and accessibility?
69. Explain the purpose and usage of the 'template' element in HTML.
70. How can you handle cross-browser compatibility issues in HTML, and what tools can help?
71. Describe the process of implementing internationalization (i18n) and localization (l10n) in HTML.
72. What are some best practices for structuring a large HTML document to maintain readability and maintainability?
73. How do you use HTML to embed multimedia content, like videos, while ensuring optimal performance?
74. Explain the concept of Shadow DOM and its role in web component encapsulation.
75. What are the different types of HTML forms, and how do you validate user input using HTML5 features?
76. How do you handle character encoding issues in HTML to ensure proper display of different languages?
77. Describe the use of microdata, RDFa, or JSON-LD for adding semantic information to HTML content.
78. What are some advanced techniques for optimizing HTML rendering performance, such as lazy loading?
79. Explain how you can use HTML to create progressive web apps (PWAs) and what benefits they offer.
80. How do you use HTML to implement client-side storage, such as using local storage or session storage?
81. Describe the purpose and use of custom data attributes (data-*) in HTML elements.
82. What are some security considerations when working with HTML, and how can you prevent XSS attacks?
83. Explain the role of DOCTYPE declaration in HTML documents and its importance.
84. How do you use HTML to implement server-sent events (SSE) or WebSockets for real-time communication?
85. Describe the differences between HTML, XHTML, and HTML5.
86. What is the purpose of the viewport meta tag in HTML, and how does it affect mobile browsing?
87. How can you use HTML to create accessible tables for users with disabilities?
88. Explain the importance of using alt text for images in HTML, and how it affects accessibility and SEO.
89. What are the benefits of using a CSS preprocessor (e.g., Sass, Less) in conjunction with HTML?