



HTML



Interview Questions & Answers



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HTML INTERVIEW Q & A

1. What is HTML?

- **Answer:** HTML (HyperText Markup Language) is the standard language for creating and structuring web pages.

2. What does HTML stand for?

- **Answer:** HTML stands for HyperText Markup Language.

3. What is the purpose of HTML?

- **Answer:** HTML is used to create the structure of web pages and organize content like text, images, and links.

4. What are HTML tags?

- **Answer:** HTML tags are keywords surrounded by angle brackets (<tag>), defining elements in the document.

5. What is an HTML element?

- **Answer:** An HTML element is defined by a start tag, content, and an end tag.

6. What is the <!DOCTYPE html> declaration?

- **Answer:** It defines the document type and version as HTML5.

7. What is the <html> tag?

- **Answer:** The <html> tag is the root element of an HTML page.

8. What is the <head> tag used for?

- **Answer:** The <head> tag contains metadata, title, links to stylesheets, scripts, etc.

9. What is the <title> tag?

- **Answer:** The <title> tag defines the title shown in the browser tab.

10. What is the <body> tag?

- ****Answer**:** The <body> tag contains the content of an HTML document, including text, images, links, etc.

11. What is an attribute in HTML?

- **Answer**: Attributes provide additional information about elements, usually in the form of `name="value"`.

12. What is the purpose of the href attribute in an <a> tag?

- **Answer**: The `href` attribute specifies the URL of the page the link goes to.

13. What does the <a> tag do?

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- **Answer**: The `` tag creates a hyperlink to another page or section.

14. What is the purpose of the <p> tag?

- **Answer**: The `

` tag defines a paragraph.

15. How do you make text bold in HTML?

- **Answer**: Use the `**` or `**` tag for bold text.****

16. How do you make text italic in HTML?

- **Answer**: Use the `*` or `*` tag for italic text.**

17. What does the
 tag do?

- **Answer**: The `
` tag inserts a line break.

18. What is the tag used for?

- **Answer**: The `` tag is used to embed images.

19. What is the src attribute in an tag?

- **Answer**: The `src` attribute specifies the image source (URL or file path).

20. What is the alt attribute in an tag?

- **Answer**: The `alt` attribute provides alternative text if the image can't be displayed.

21. What is the tag used for?

- **Answer**: The `

` tag creates an unordered (bulleted) list.

22. What is the tag used for?

- **Answer:** The tag creates an ordered (numbered) list.

23. What is the tag used for?

- **Answer:** The tag defines a list item in ordered or unordered lists.

24. What is the <div> tag used for?

- **Answer:** The <div> tag is a container for block-level content.

25. What is the tag used for?

- **Answer:** The tag is used for inline content, often for styling.

26. What does the <h1> to <h6> tags represent?

- **Answer:** These tags represent headings, with <h1> being the highest level and <h6> the lowest.

27. What is the <table> tag used for?

- **Answer:** The <table> tag is used to create a table in HTML.

28. What does the <tr> tag represent?

- **Answer:** The <tr> tag represents a row in a table.

29. What is the <td> tag used for?

- **Answer:** The <td> tag defines a cell in a table row.

30. What is the <th> tag used for?

- **Answer:** The <th> tag is used to define a header cell in a table.

31. How do you add a comment in HTML?

- **Answer:** Use <!-- Comment here --> to add a comment in HTML.

32. What is the <form> tag used for?

- **Answer:** The <form> tag is used to create a form for user input.

33. What is the action attribute in a <form> tag?

- **Answer:** The action attribute specifies where the form data is sent when submitted.

34. What is the method attribute in a <form> tag?

- **Answer:** The method attribute specifies how to send form data (e.g., GET or POST).

35. What does the <input> tag do?

- **Answer:** The <input> tag creates interactive controls for forms, like text fields and checkboxes.

36. What is the type attribute in an <input> tag?

- **Answer:** The type attribute specifies the type of input, like text, password, submit, etc.

37. How do you create a text field in HTML?

- **Answer:** Use <input type="text"> to create a text field.

38. How do you create a submit button in HTML?

- **Answer:** Use <input type="submit"> to create a submit button.

39. How do you create a checkbox in HTML?

- **Answer:** Use <input type="checkbox"> to create a checkbox.

40. How do you create a radio button in HTML?

- **Answer:** Use <input type="radio"> to create a radio button.

41. What is the <label> tag used for?

- **Answer:** The <label> tag associates a label with a form element for accessibility.

42. What is the <textarea> tag used for?

- **Answer:** The <textarea> tag creates a multi-line text input field.

43. What is the <select> tag used for?

- **Answer:** The <select> tag creates a drop-down list.

44. What does the <option> tag represent?

- **Answer:** The <option> tag defines an option in a <select> dropdown.

45. What is the <button> tag used for?

- **Answer:** The <button> tag creates a clickable button.

46. How do you set a background color in HTML?

- **Answer:** Use the style attribute with background-color, e.g., <body style="background-color:lightblue;">.

47. What is the class attribute used for?

- **Answer:** The class attribute is used to assign a class to an element for CSS styling.

48. What is the id attribute used for?

- **Answer:** The id attribute gives a unique identifier to an element, used in CSS or JavaScript.

49. How do you create an email link in HTML?

- **Answer:** Use Email Us.

50. How do you create a link that opens in a new tab?

- **Answer:** Use the target="_blank" attribute, e.g., Link.

51. What does the <meta> tag do?

- **Answer:** The <meta> tag provides metadata about the HTML document, like character set, description, keywords, etc.

52. What is the charset attribute in the <meta> tag?

- **Answer:** The charset attribute specifies the character encoding for the HTML document, e.g., UTF-8.

53. How do you specify the viewport in HTML?

- **Answer:** Use <meta name="viewport" content="width=device-width, initial-scale=1.0"> to control layout on mobile devices.

54. What is the <link> tag used for?

- **Answer:** The <link> tag links external resources, such as stylesheets, to the HTML document.

55. How do you link a CSS file to an HTML document?

- **Answer:** Use `<link rel="stylesheet" href="styles.css">` in the `<head>` section.

56. What is the `<script>` tag used for?

- **Answer:** The `<script>` tag is used to include JavaScript code in an HTML document.

57. Where can you place the `<script>` tag?

- **Answer:** The `<script>` tag can be placed in the `<head>` or at the end of the `<body>` section.

58. What is the difference between `id` and `class` attributes?

- **Answer:** `id` is unique for one element, while `class` can be used for multiple elements.

59. What is an inline element in HTML?

- **Answer:** An inline element only takes up as much width as necessary and does not start on a new line (e.g., ``).

60. What is a block-level element in HTML?

- **Answer:** A block-level element takes up the full width and starts on a new line (e.g., `<div>`).

61. What is the `<audio>` tag used for?

- **Answer:** The `<audio>` tag is used to embed audio files in HTML.

62. What is the `<video>` tag used for?

- **Answer:** The `<video>` tag is used to embed video files in HTML.

63. How do you add controls to audio or video elements?

- **Answer:** Use the `controls` attribute, e.g., `<audio controls>...</audio>`.

64. What is the `<source>` tag used for?

- **Answer:** The `<source>` tag specifies multiple media resources for `<audio>` and `<video>` elements.

65. What is the `<iframe>` tag used for?

- **Answer:** The `<iframe>` tag embeds another HTML page within the current page.

66. How do you add a tooltip to an element in HTML?

- **Answer:** Use the title attribute, e.g., `<p title="Tooltip text">Hover over me</p>`.

67. What is the `<abbr>` tag used for?

- **Answer:** The `<abbr>` tag represents an abbreviation or acronym, with a title attribute for explanation.

68. What is the `<blockquote>` tag used for?

- **Answer:** The `<blockquote>` tag is used for quoting large sections of text from other sources.

69. What is the `<q>` tag used for?

- **Answer:** The `<q>` tag is used for inline quotations, typically displayed with quotation marks.

70. How do you create a horizontal line in HTML?

- **Answer:** Use the `<hr>` tag to create a horizontal line.

71. What does the `<bdo>` tag stand for, and what is it used for?

- **Answer:** `<bdo>` stands for Bi-Directional Override, used to override the text direction.

72. What is the `lang` attribute used for?

- **Answer:** The `lang` attribute specifies the language of the document, e.g., `<html lang="en">`.

73. What is the `<pre>` tag used for?

- **Answer:** The `<pre>` tag is used for preformatted text, preserving spaces and line breaks.

74. What is the `<code>` tag used for?

- **Answer:** The `<code>` tag represents a fragment of computer code.

75. How do you define keyboard input in HTML?

- **Answer:** Use the `<kbd>` tag to define keyboard input.

76. What is the `<samp>` tag used for?

- **Answer:** The <samp> tag represents sample output from a computer program.

77. What is the <var> tag used for?

- **Answer:** The <var> tag is used to define a variable in programming or a mathematical expression.

78. What is the <time> tag used for?

- **Answer:** The <time> tag represents a specific time or date.

79. What is the <mark> tag used for?

- **Answer:** The <mark> tag is used to highlight or mark text.

80. What is the <progress> tag used for?

- **Answer:** The <progress> tag is used to represent the completion progress of a task.

81. What is the <meter> tag used for?

- **Answer:** The <meter> tag represents a scalar measurement within a known range, like a temperature gauge.

82. How do you group options in a <select> tag?

- **Answer:** Use the <optgroup> tag to group options within a dropdown.

83. What is the readonly attribute in an <input> tag?

- **Answer:** The readonly attribute makes an input field uneditable by the user.

84. What is the disabled attribute in an HTML form element?

- **Answer:** The disabled attribute disables an input, making it unselectable and uneditable.

85. What is the maxlength attribute in an <input> field?

- **Answer:** The maxlength attribute specifies the maximum number of characters allowed in an input field.

86. What is the required attribute in HTML forms?

- **Answer:** The required attribute forces the user to fill out the field before submitting the form.

87. What does the <fieldset> tag do?

- **Answer:** The <fieldset> tag groups related elements in a form and provides a border around them.

88. What is the <legend> tag used for?

- **Answer:** The <legend> tag provides a caption for a <fieldset>.

89. What is the autocomplete attribute in HTML forms?

- **Answer:** The autocomplete attribute specifies whether a form or input field should have autocomplete enabled.

90. What is the placeholder attribute in an <input> tag?

- **Answer:** The placeholder attribute displays a hint inside an input field when it's empty.

91. What is the pattern attribute in an <input> field?

- **Answer:** The pattern attribute specifies a regular expression for input validation.

92. How do you create a hidden input field in HTML?

- **Answer:** Use <input type="hidden" name="name" value="value"> to create a hidden field.

93. What is the <datalist> tag used for?

- **Answer:** The <datalist> tag provides a list of predefined options for an <input> field.

94. What is the <small> tag used for?

- **Answer:** The <small> tag makes text smaller and is often used for disclaimers or side comments.

95. What is the <sub> tag used for?

- **Answer:** The <sub> tag displays text as subscript, usually below the baseline.

96. What is the <sup> tag used for?

- **Answer:** The <sup> tag displays text as superscript, usually above the baseline.

97. What is the <noscript> tag used for?

- **Answer:** The <noscript> tag provides alternate content if JavaScript is disabled in the browser.

98. What is the purpose of the <address> tag?

- **Answer:** The <address> tag represents contact information for the author or owner of a document.

99. What is the <figure> tag used for?

- **Answer:** The <figure> tag is used to group self-contained content like images or illustrations, along with optional captions.

100. What is the <figcaption> tag used for?

- **Answer:** The <figcaption> tag provides a caption or description for content in a <figure> tag.

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