

## HTML Questions and Answers

**1. Which HTML tag is used to display content in the browser exactly as it is written in the HTML file (including spaces and line breaks)?**

- A) <literal>
- B) <pre>
- C) <text>
- D) <code>

b

**2. What does the <span> tag do in HTML?**

- A) It creates a large heading
- B) It groups inline elements for styling
- C) It creates a new line
- D) It adds a tooltip

b

**3. Which HTML tag represents a progress bar?**

- A) <bar>
- B) <progress>
- C) <load>
- D) <meter>

b

**4. What is the function of the <fieldset> tag in HTML forms?**

- A) It draws a table
- B) It groups related elements in a form
- C) It validates form data
- D) It styles form text

B

**5. Which tag is used to display an abbreviation or acronym in HTML?**

- A) <abbr>
- B) <short>
- C) <acronym>
- D) <definition>

a

**6. What is the purpose of the <label> tag in HTML forms?**

- A) Defines the input box size
- B) Provides a clickable label for form elements
- C) Adds a tooltip
- D) Links the form to CSS

b

**7. Which attribute is used to merge two or more cells horizontally in a table?**

- A) merge
- B) colspan
- C) rowspan
- D) cellmerge

b

**8. Which HTML tag is used to embed audio content?**

- A) <music>
- B) <sound>
- C) <audio>
- D) <voice>

c

**9. How can you specify an image width in HTML?**

- A) <img width="100px">
- B) <img size="100px">
- C) <img style="size:100px">
- D) <img height="100px">

A

**10. Which attribute specifies the destination address of a hyperlink?**

- A) src
- B) link
- C) href
- D) url

c

**11. Which element is used to define important text?**

- A) <important>
- B) <b>
- C) <strong>
- D) <mark>

c

**12. Which tag is used to create a definition list in HTML?**

- A) <list>
- B) <dl>
- C) <ul>
- D) <ol>

b

**13. Which HTML element is used to group block-level content?**

- A) <span>
- B) <section>
- C) <div>
- D) <group>

c

**14. What does the <em> tag do to the enclosed text?**

- A) Makes it bold
- B) Makes it italic and semantically emphasized
- C) Highlights it
- D) Underlines it

B

**15. Which attribute is used with the <input> tag to define the type of input?**

- A) form
- B) input
- C) type
- D) method

c

**16. Which tag defines a clickable button in HTML?**

- A) <press>
- B) <input>
- C) <btn>
- D) <button>

d

**17. Which tag is used to add a footer to a web page in HTML5?**

- A) <bottom>
- B) <footer>
- C) <foot>
- D) <end>

b

**18. Which tag is used to define a navigation menu in HTML5?**

- A) <menu>
- B) <navigate>
- C) <nav>
- D) <header>

c

**19. Which HTML tag defines a horizontal rule (a thematic break)?**

- A) <hr>
- B) <line>
- C) <break>
- D) <border>

A

**20. Which of the following is a valid value for the type attribute of an <input> element?**

- A) file
- B) video
- C) span
- D) div

a

**21. What is the default display behavior of a <div> element?**

- A) Inline
- B) Block
- C) Inline-block
- D) Flex

b

**22. How can you make a checkbox in HTML?**

- A) <input type="check">
- B) <checkbox>
- C) <input type="checkbox">
- D) <input checkbox="true">

c

**23. Which tag is used to define a caption for a <figure> element?**

- A) <caption>
- B) <figcaption>
- C) <legend>
- D) <describe>

b

**24. What does the <details> tag do in HTML5?**

- A) Shows tooltips
- B) Defines additional image info
- C) Creates a disclosure widget for users to view/hide content
- D) Adds descriptions to form inputs

C

**25. Which of the following tags is used to mark up contact information?**

- A) <contact>
- B) <footer>
- C) <info>
- D) <address>

d

**26. Which tag is used to create a dropdown menu in a form?**

- A) <input type="dropdown">
- B) <list>
- C) <menu>
- D) <select>

d

**27. Which HTML element is used to specify a term in a definition list?**

- A) <dd>
- B) <dt>
- C) <li>
- D) <dfn>

b

**28. Which HTML tag is used to define the body of the document?**

- A) <head>
- B) <html>
- C) <body>
- D) <main>

c

**29. How can you group several form controls under a common label in HTML?**

- A) <fieldset> and <label>
- B) <fieldset> and <legend>
- C) <group> and <label>
- D) <formgroup> and <caption>

B

**30. What does the <meta charset="UTF-8"> tag do?**

- A) Sets the website language
- B) Defines page styling
- C) Declares the character encoding
- D) Specifies form encoding

c

**31. Which tag is used to display computer code snippets?**

- A) <script>
- B) <source>
- C) <code>
- D) <var>

c

**32. What is the function of the <blockquote> tag?**

- A) It creates a citation
- B) It adds bold text
- C) It displays quoted content with indentation
- D) It embeds videos

c

**33. What does the <sup> tag do to text?**

- A) Makes text bold
- B) Converts text to uppercase
- C) Displays text as superscript
- D) Submits form data

c

**34. Which HTML tag is used to display a numbered list?**

- A) <ul>
- B) <list>
- C) <ol>
- D) <dl>

C

**35. Which tag is used to define an image map in HTML?**

- A) <imgmap>
- B) <map>
- C) <area>
- D) <imagemap>

b

**36. Which element is used to define the main content of an HTML document in HTML5?**

- A) <container>
- B) <main>
- C) <body>
- D) <section>

b

**37. HTML files are saved with which file extension?**

- A) .ht
- B) .html
- C) .html
- D) .hml

c

**38. What is the correct way to comment in HTML?**

- A) // comment
- B) <!-- comment -->
- C) # comment
- D) /\* comment \*/

b

**39. Which tag is used to make text bold in HTML?**

- A) <bold>
- B) <strong>
- C) <bld>
- D) <em>

B



**40. Which HTML element is used to display a horizontal line?**

- A) <hr>
- B) <line>
- C) <br>
- D) <border>

a

**41. What is the purpose of the <head> tag in HTML?**

- A) It contains the visible content of the page
- B) It defines the title and metadata
- C) It creates a heading
- D) It displays an image

b

**42. Which tag defines a cell in an HTML table?**

- A) <tr>
- B) <td>
- C) <table>
- D) <th>

b

**43. What does the <tr> tag define in an HTML table?**

- A) Table row
- B) Table column
- C) Table header
- D) Table data

a

**44. Which tag is used to create a table in HTML?**

- A) <tbl>
- B) <table>
- C) <tr>
- D) <td>

B

**45. Which tag is used to insert an image in an HTML page?**

- A) <img>
- B) <image>
- C) <picture>
- D) <src>

a

**46. What is the purpose of the action attribute in an HTML form?**

- A) Specifies the form style
- B) Specifies the destination URL for form submission
- C) Specifies the form name
- D) Specifies the form method

b

**47. What is the purpose of the <title> tag in HTML?**

- A) Defines the document's main heading
- B) Adds a title to the image
- C) Sets the title shown in the browser tab
- D) Creates a hyperlink title

c

**48. Which of the following is the correct HTML element for inserting a line break?**

- A) <br>
- B) <lb>
- C) <break>
- D) <newline>

a

**49. Which attribute is used to provide an alternative text for an image?**

- A) src
- B) alt
- C) title
- D) href

B

**50. How can you make a numbered list in HTML?**

- A) <ul>
- B) <ol>
- C) <dl>
- D) <list>

b

**51. Which tag is used to create a hyperlink in HTML?**

- A) <a>
- B) <link>
- C) <href>
- D) <hyperlink>

a

**52. What is the correct HTML element for the largest heading?**

- A) <heading>
- B) <h6>
- C) <h1>
- D) <head>

c

**53. What does HTML stand for?**

- A) Hyperlinks and Text Markup Language
- B) Home Tool Markup Language
- C) Hyper Text Markup Language
- D) Hyper Tool Markup Language

c

**54. Which tag is used to play a video file in HTML5?**

- A) <media>
- B) <movie>
- C) <video>
- D) <mp4>

C

**55. Which HTML tag is used to embed an external webpage into the current page?**

- A) <frame>
- B) <iframe>
- C) <window>
- D) <embed>

b

**56. Which of the following is not a semantic HTML element?**

- A) <article>
- B) <section>
- C) <div>
- D) <footer>

c

**57. What does the <th> tag represent in a table?**

- A) Table highlight
- B) Table row
- C) Table header cell
- D) Table hyperlink

c

**58. Which HTML tag is used to define an unordered list?**

- A) <ol>
- B) <li>
- C) <ul>
- D) <list>

c

**59. Which attribute is used in HTML to uniquely identify an element?**

- A) class
- B) id
- C) name
- D) ref

B

**60. Which HTML tag is used to define a paragraph?**

- A) <p>
- B) <para>
- C) <paragraph>
- D) <pg>

a

**61. What is the default alignment of content in an HTML page?**

- A) Left
- B) Center
- C) Right
- D) Justify

a

**62. How do you open a link in a new browser tab using HTML?**

- A) target="\_self"
- B) target="\_blank"
- C) target="new"
- D) target="tab"

b

**63. Which HTML tag is used to define an internal style sheet?**

- A) <style>
- B) <css>
- C) <link>
- D) <script>

a

**64. Which element is used for inserting JavaScript code in HTML?**

- A) <script>
- B) <js>
- C) <javascript>
- D) <code>

A

**65. Which tag is used to define a list item?**

- A) <item>
- B) <list>
- C) <li>
- D) <ul>

c

**66. How do you create a drop-down list in HTML?**

- A) <input type="dropdown">
- B) <select>
- C) <list>
- D) <dropdown>

b

**67. Which input type is used to create a checkbox in a form?**

- A) type="radio"
- B) type="check"
- C) type="checkbox"
- D) type="button"

c

**68. What does the <form> tag do in HTML?**

- A) Formats text
- B) Creates a form for user input
- C) Embeds multimedia
- D) Adds a table

b

**69. Which attribute is used to specify the URL of the image in an <img> tag?**

- A) href
- B) alt
- C) src
- D) link

C

**70. What is the correct HTML element to define emphasized text?**

- A) <italic>
- B) <bold>
- C) <em>
- D) <i>

c

**71. The <meta> tag is used for:**

- A) Creating hyperlinks
- B) Adding styles
- C) Defining metadata about the document
- D) Displaying images

c

**72. What is the difference between inline-block and block in HTML?**

block: Takes full width, starts on a new line.

inline-block: Behaves like inline but accepts block-level styling (width/height).

**73. What is a void element in HTML?**

An element that does not have an end tag (e.g., <img>, <br>, <hr>).

**74. What's the difference between <head> and <body>?**

<head>: Contains meta info (title, links, scripts).

<body>: Contains the visible content of the page.

**75. How do you link a favicon to an HTML page?**

<link rel="icon" href="/favicon.ico" type="image/x-icon">

**76. What are some HTML elements used for accessibility?**

<label>: Associates text with form controls.

<fieldset>, <legend>: Group related inputs.

<aria-\* attributes>: Enhance accessibility for screen readers.

**77. What's the difference between <output>, <progress>, and <meter>?**

<output>: Displays the result of a calculation.

<progress>: Shows progress of a task (indeterminate or value-based).

<meter>: Represents a scalar measurement within a known range.

**78. How do you handle fallbacks for media elements?**

Provide alternative content:

```
<video controls>
```

```
<source src="movie.mp4" type="video/mp4">
```

Your browser does not support the video tag.

```
</video>
```

**79. What is the difference between innerText, textContent, and innerHTML?**

innerText: Returns visible text, considers CSS.

textContent: Returns all text, even hidden.

innerHTML: Returns the HTML structure inside an element.

**80. What are the limitations of HTML?**

No logic or interactivity (needs JS).

Limited styling (needs CSS).

Not good for large-scale application logic or backend processing.

**81. How does the browser decide the character encoding of a page?**

It uses:

The <meta charset="UTF-8"> tag.

**82. What is the purpose of the fieldset and legend tags?**

They group related form elements and provide a caption:

```
<fieldset>
```

```
<legend>Contact Info</legend>
```

```
<input type="text" name="email" />
```

```
</fieldset>
```

**83. What is the autofocus attribute used for?**

Automatically focuses the input field on page load:

```
<input type="text" autofocus />
```

**84. What is the difference between <pre> and <code>?**

<pre>: Preserves whitespace and line breaks.

<code>: Semantically indicates code, does not preserve formatting unless inside <pre>.



**85. What are named anchors in HTML?**

Used to link to a specific part of the same or another page:

```
<a href="#section1">Go to Section 1</a>
```

```
<h2 id="section1">Section 1</h2>
```

**86. What is tab index and how is it used?**

Controls keyboard navigation order:

```
<button tabindex="1">First</button>
```

```
<button tabindex="2">Second</button>
```

**87. Can you nest <form> elements in HTML?**

No, nested <form> tags are invalid and not supported.

**88. What are the advantages of semantic HTML for SEO?**

Search engines better understand the content and structure, improving indexing and ranking.

**89. What is the difference between disabled and readonly?**

disabled: Field is not editable and not submitted with the form.

readonly: Field is visible and submitted, but not editable.

**90. What is the accesskey attribute?**

It allows keyboard shortcuts to focus/activate elements:

```
<button accesskey="s">Submit</button>
```

**91. What is the use of the <base> tag in HTML?**

Sets a base URL for relative links:

```
<base href="https://example.com/">
```

**92. What is the difference between target="\_self", "\_blank", "\_parent", and "\_top"?**

\_self: Opens in same frame.

\_blank: Opens in a new tab/window.

\_parent: Opens in parent frame.

\_top: Opens in full body of the window.

**93. What is the role of autocomplete in forms?**

Helps the browser autofill form fields:

```
<input type="email" autocomplete="on">
```

**94. What is the difference between <script> in <head> vs <body>?**

In <head>: Can block HTML parsing unless defer or async is used.

In <body>: Ensures HTML is parsed before the script runs.

**95. What is the difference between minlength and pattern in inputs?**

minlength: Sets the minimum number of characters.

pattern: Uses a regex to enforce a format.

**96. How can you embed multimedia in HTML?**

<audio controls>

```
<source src="asset/boot.mp3" type="audio/mpeg" />
```

</audio>

<video controls width="600px">

```
<source src="asset/st1.mp4" type="video/mp4" />
```

</video>

**97. What is HTML?**

HTML (HyperText Markup Language) is the standard language used to create and structure content on the web using elements like headings, paragraphs, links, and media.

**98. What are tags in HTML?**

Tags are predefined keywords wrapped in angle brackets (e.g., <p>, <div>) that define the structure and presentation of HTML elements.

**99. What is the difference between HTML and XHTML?**

HTML is more forgiving with syntax, whereas XHTML is stricter and must be well-formed XML.

XHTML requires closing all tags and using lowercase.

**100. What is the purpose of the <!DOCTYPE> declaration?**

It tells the browser which version of HTML is being used, enabling proper rendering. For HTML5:

```
<!DOCTYPE html>.
```

**101. What is the difference between <div> and <span>?**

<div> is a block-level element (starts on a new line).

<span> is an inline element (does not break the line).

**102. How do you insert an image in HTML?**

```

```

**103. What is semantic HTML? Can you give examples?**

Semantic HTML uses meaningful tags that describe content clearly, like <article>, <nav>, <header>, <footer>—helpful for accessibility and SEO.

**104. What is the use of the <a> tag?**

It creates hyperlinks:

```
<a href="https://example.com">Visit</a>
```

**105. What's the difference between id and class attributes?**

id is unique per page (used once).

class can be reused on multiple elements.

**106. What are void (self-closing) elements?**

Tags that don't require a closing tag, e.g., <img>, <br>, <hr>, <input>.

**107. What is the difference between block and inline elements?**

Block: Takes full width, starts on a new line (e.g., <div>, <p>).

Inline: Takes only as much width as needed (e.g., <span>, <a>).

**108. How do you create a table in HTML?**

```
<table>

  <tr><th>Header</th></tr>

  <tr><td>Data</td></tr>

</table>
```

**109. What is the difference between label for form elements and placeholder?**

label: Accessible and persistent; linked to input.

placeholder: Temporary hint; disappears when user types.

**110. What is the purpose of the alt attribute in images?**

It provides alternative text for accessibility and SEO when the image fails to load.

**111. What is the difference between <section>, <article>, and <div>?**

<section>: Thematic grouping of content.

<article>: Self-contained, reusable content (like blog posts).

<div>: Generic container with no semantic meaning.

**112. What are global attributes in HTML?**

Attributes that can be used on any element, like id, class, style, data-\*, title, and lang.

**113. How do form elements work in HTML?**

Forms use <form> tag and elements like <input>, <textarea>, <select>, <button>. Data is submitted to a server via action and method.

**114. What is the difference between name and id in forms?**

id is used for client-side scripting (e.g., JavaScript).

name is used to reference the value of form elements during submission

**115. How does HTML5 improve SEO and accessibility?**

Semantic tags (e.g., <header>, <article>, <nav>) improve content meaning, aiding search engines and assistive technologies.

**116. What is the difference between <script>, <noscript>, and <template>?**

<script>: Embeds JavaScript.

<noscript>: Displays content when JavaScript is disabled.

<template>: Stores HTML fragments that are not rendered until used via JavaScript.

**117. What's the purpose of the <meta> tag?**

Provides metadata like character encoding, viewport settings, SEO keywords, etc.

Example:

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

**118. What is the difference between <b> vs <strong> and <i> vs <em>?**

<b> and <i>: Presentational (bold/italic).

<strong> and <em>: Semantic (important/emphasized content).

**119. What are the HTML5 elements used for layout structure?**

Common ones include: <header>, <nav>, <main>,

<section>, <article>, <aside>, <footer>

**120. How does the hidden attribute work?**

It hides the element without using CSS:

<div hidden>This won't be visible</div>