



# Hyper Text Markup Language Question

# Question

## 1. What is HTML?

➡HTML stands for Hypertext Markup Language. It is the standard markup language used for creating web pages.

## 2. What are the basic building blocks of HTML?

➡The basic building blocks of HTML are tags, which are used to structure and define the content of a web page.

## 3. What is the DOCTYPE declaration in HTML?

➡The DOCTYPE declaration is used to specify the version of HTML that the web page is written in. It helps the browser render the page correctly.

## 4. What is the difference between HTML elements, tags, and attributes?

➡HTML elements are the individual components that make up a web page, such as headings, paragraphs, and images. Tags are used to mark the beginning and end of HTML elements. Attributes provide additional information or modify the behavior of HTML elements.

## 5. What is the purpose of the tag in HTML?

➡The tag is a container used to group and style HTML elements. It is commonly used for layout and organization purposes.

## 6. What is the purpose of the tag in HTML?

➡The tag is an inline container used to apply styles or manipulate specific portions of text within a larger block of content.

## 7. What is the purpose of the tag in HTML?



➡The tag is used to create hyperlinks to other web pages, files, or locations within the same page.

### 8. What is the purpose of the href attribute in the tag?

➡The href attribute specifies the URL or destination of the hyperlink.

### 9. What is the purpose of the method attribute in the tag?

➡ The method attribute specifies the HTTP method used to send form data to the server. The most common values are "GET" and "POST".

### 10. What is the purpose of the action attribute in the tag?

➡ The action attribute specifies the URL or destination where the form data should be sent.

### 11. What is the purpose of the tag in HTML?

➡ The tag is used to create various types of form input fields, such as text fields, checkboxes, radio buttons, and submit buttons.

### 12. What is the purpose of the type attribute in the tag?

➡ The type attribute specifies the type of input field to be created, such as "text", "checkbox", "radio", "submit", etc.

### 13. What is the purpose of the tag in HTML?

➡ The tag is used to define content that is related to the main content but can be considered separate from it, such as sidebars or pull-out quotes.

### 14. What is the purpose of the and tags in HTML?

➡The tag is used to encapsulate self-contained content, such as images, diagrams, or videos, along with an optional caption defined using the tag.

### 15. What is semantic HTML?



➡ Semantic HTML is the practice of using HTML elements that accurately describe the meaning or purpose of the content they contain. It improves accessibility, search engine optimization, and code readability.

### 16. What are the advantages of using external CSS stylesheets?

➡ Some advantages of using external CSS stylesheets include easier maintenance, consistent styling across multiple pages, better separation of concerns (HTML for structure, CSS for presentation), and faster page loading times due to browser caching.

### 17. What is the purpose of the defer attribute in the tag?

➡ The defer attribute is used to indicate that the script should be executed after the document has been parsed, allowing it to not block rendering.

### 18. What is the purpose of the async attribute in the <script> tag?

➡ The async attribute is used to indicate that the script can be executed asynchronously, without blocking the rendering of the page.

### 19. What is the purpose of the <iframe> tag in HTML?

➡ The <iframe> tag is used to embed another web page or document within the current HTML document.

### 20. What is the purpose of the sandbox attribute in the <iframe> tag?

➡ The sandbox attribute is used to restrict the capabilities of the content within the <iframe>, providing a secure and isolated environment.

### 21. What is the purpose of the <datalist> tag in HTML?

➡ The <datalist> tag is used to provide a list of predefined options for an <input> field. It provides suggestions as the user types.

```
<!--  
<input type="text" list="fruits" />  
</body> </html>
```



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## 22. What is the purpose of the autocomplete attribute in form elements?

➡ The autocomplete attribute is used to control whether a form input field should have autocomplete suggestions or not.

## 23. What is the purpose of the tag in HTML?

➡ The tag is used to define a section of a web page that contains navigation links.

## 24. What is the purpose of the tag in HTML?

➡ The tag is used to define an abbreviation or acronym. It can provide additional information when the user hovers over it.

## 25. What is the purpose of the tag in HTML?

➡ The tag is used to display preformatted text, preserving both spaces and line breaks as they appear in the HTML code.

## 26. What is the purpose of the disabled attribute in form elements?

➡ The disabled attribute is used to make a form input field or button non-editable or non-clickable. It prevents user interaction with the element .

## 27. What is the purpose of the tag in HTML? What is the purpose of the tag in HTML?

➡ The tag is used to display preformatted text, preserving both spaces and line breaks as they appear in the HTML code.

## 28. What is the purpose of the tag in HTML?

➡ The tag is used to represent a scalar measurement within a known range,  
such as a progress bar, disk usage, or temperature.

## 29. What is the purpose of the tag in HTML?



➡The tag is used to represent a specific time or date. It can be used for machine-readable dates, event schedules, or time-related content.

### 30. What is the purpose of the required attribute in form elements?

➡ The required attribute is used to specify that a form input field must be filled out before submitting the form.

### 31. What is the purpose of the CSS grid layout?

➡The CSS grid layout is a two-dimensional layout model that allows you to create complex grid-based layouts. It provides precise control over the positioning and alignment of elements.

### 32. What is the purpose of the tag in HTML?

➡ The tag is used to provide metadata about an HTML document, such as the character encoding, viewport settings, or author information.

### 33. What is the purpose of the viewport meta tag in HTML?

➡The viewport meta tag is used to control the width and scaling of the viewport on mobile devices. It ensures that web pages are displayed correctly and responsively on different screen sizes.

### 34. What is the purpose of the alt attribute in the tag?

➡The alt attribute is used to provide alternative text for an image. It is displayed if the image cannot be loaded or for accessibility purposes.

### 35. What is the purpose of the title attribute in HTML?

➡ The title attribute is used to provide additional information or a tooltip text for an element. It is displayed when the user hovers over the element.

### 36. What is the purpose of the and tags in HTML?



➡ The tag is used to group related form elements together, and the tag is used to provide a caption or description for the <fieldset>

### 37. What is the purpose of the tag in HTML?

➡ The tag is used to draw graphics, animations, and other visualizations on a web page using JavaScript.

### 38. What is the purpose of the <header > and tags in HTML?

➡ The tag is used to define the header section of a web page. The tag is used to define the main content area. The tag is used to define the footer section, and the tag is used to define the navigation section.

### 39. What is the purpose of the and tags in HTML?

➡ The tag is used to define an independent, self-contained content section that can be distributed and reused. The tag is used to define a section of related content within an HTML document.

### 40. What is the purpose of the tag in the tag?

➡ The tag is used to define an option within a dropdown list.

### 41. What is the purpose of the value attribute in the tag?

➡ The value attribute specifies the value associated with an option. It is sent to the server when the form is submitted.

### 42. What is the purpose of the tag in HTML?

➡ The <textarea> tag is used to create a multiline text input field where users can enter larger blocks of text.

### 43. What is the purpose of the <iframe> tag in HTML?

➡ The <iframe> tag is used to embed another web page or document within the current HTML document.

### 44. What is the purpose of the <div> tag in HTML?



➡ The <div> tag is a container used to group and style HTML elements. It is commonly used for layout and organization purposes.

#### 45. What is the purpose of the <span> tag in HTML?

➡ The <span> tag is an inline container used to apply styles or manipulate specific portions of text within a larger block of content.

#### 46. What is the purpose of the <audio> and <video> tags in HTML?

➡ The <audio> tag is used to embed audio content on a web page, and the <video> tag is used to embed video content. They provide built-in controls for playing and pausing the media. <!--EndFragment--> </body> </html>

#### 47. What is the purpose of the <tr> tag in HTML?

➡ The <tr> tag is used to define a row in a table.

#### 48. What is the purpose of the id attribute in HTML?

➡ The id attribute is used to assign a unique identifier to an HTML element. It is used for targeting specific elements with CSS or JavaScript.

#### 49. What is the purpose of the <th> and <td> tags in HTML?

➡ The <th> tag is used to define a header cell in a table, while the <td> tag is used to define a data cell.

#### 50. What is the purpose of the colspan and rowspan attributes in the <td> and <th> tags?

➡ The colspan attribute specifies the number of columns a cell should span, and the rowspan attribute specifies the number of rows a cell should span.







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