

## HTML INTERVIEW QUESTION

### 1. What is HTML?

HTML stands for HyperText Markup Language and it is the language of the internet. This standard text formatting language is used to create and display pages on the Internet. HTML documents include elements and tags that format it for proper display on pages.

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

Or Tags.

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 current version of html?

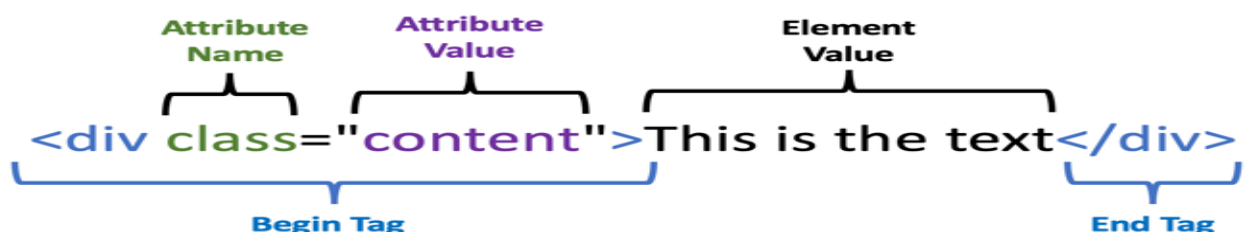
HTML5 described as a new version of HTML. HTML5 was the successor to previous HTML versions and introduced new elements and capabilities to the language on top of the previous version, HTML 4.01

#### New feature of HTML5

- Support for multimedia elements like audio and video
- Improved semantics
- Better support for mobile devices
- Several new semantically meaningful tags, such as <section>, <header>, <footer>, <nav>, <mark>, <figure>, and more

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

`<p align="center">This is paragraph.</p>`



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

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

The <head> tag is used to contain meta-information about the HTML document, such as the title, character encoding, and linked stylesheets or scripts.

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

The <body> tag is used to define the main content of the HTML document that is displayed in the browser.

#### 8. What is the difference between block-level elements and inline elements?

Block-level elements start on a new line and take up the full width available, while inline elements do not start on a new line and only take up the necessary width to display the content.

#### 9. 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.

#### 10. What is the purpose of the <a> tag in HTML?

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

#### 11. What is the purpose of the src attribute in the <img> tag?

The src attribute specifies the source file or URL of the image.

#### 12. What is the purpose of the <form> tag in HTML?

The <form> tag is used to create an interactive form on a web page to collect user input.

#### 13. What is the purpose of the <table> tag in HTML and it's all tag?

# TABLE TAGS IN HTML

**<table>**

**<caption>**

Table Tags in HTML

**</caption>**

**<thead><tr>**

**<th>**

**<th>**

**<th>**

**</tr></thead>**

**<tbody><tr>**

**<td>**

**<td>**

**<td>**

**</tr>**

**<tr>**

**<td>**

**<td>**

**<td>**

**</tr>**

**<tr>**

**<td>**

**<td>**

**<td>**

**</tr></tbody>**

**</table>**

1. **<table>**: The root element used to define an HTML table.
2. **<tr>**: Stands for "table row," used to create a row within the table.
3. **<th>**: Stands for "table header," defines a header cell in a table row.
4. **<td>**: Stands for "table data," defines a standard cell within a table row.
5. **<caption>**: Specifies a title or description for the table.
6. **<thead>**: Groups the header content in a table.
7. **<tbody>**: Groups the body content in a table.
8. **<tfoot>**: Groups the footer content in a table.

## 14. What is the purpose of the type attribute in the <input> tag?

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

## 15. What is the purpose of the <select> tag in HTML?

The <select> tag is used to create a dropdown list of options for users to choose from.

## 16. What is the purpose of the <label> tag in HTML?

The <label> tag is used to associate a text label with a form element. It improves accessibility and allows users to click on the label to activate the associated form element.

## 17. What is the purpose of the <select> tag in HTML?

The <select> tag is used to create a dropdown list of options for users to choose from.

## 18. What is the purpose of the <option> tag in the <select> tag?

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

## 19. What is the purpose of the value attribute in the <option> tag?

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

## 20. Define the list types in HTML?

Following are the list types in HTML:

**Ordered list** – The ordered list displays elements in a numbered format with the help of the <ol> tag.

**Unordered list** – The unordered list displays elements in a bulleted format with the help of the <ul> tag.

**Definition list** – The definition list uses <dl>, <dt>, and <dd> tags for displaying elements in definition form.

## 21. Compare HTML & XML .

Criteria	HTML	XML
Deployed for	Rendering things on screen	Describing what things are
Functioning area	Human to computer interaction	Computer to computer interaction
Can explain what data means	No	Yes

## 22. How to create a new HTML element?

New HTML elements can be created in the following way:

```
<script>
document.createElement("myElement")
</script>
```

or

```
<myElement>hello Intellipaath!</myElement>
```

## 23. Explain the key differences between localStorage and sessionStorage objects.

**The key differences between local Storage and session Storage objects are:**

- The localStorage object stores data indefinitely, while sessionStorage object stores them for only one session.
- In the case of a localStorage object, when the browser window is closed, the data will not be erased. However, in the case of sessionStorage objects, the data will get erased after the browser window is closed.

- The data that is stored in the sessionStorage is accessible only in the current browser window. The data that is stored in the localStorage can be accessed by multiple browser windows.

## 24. How can you create nested web pages in HTML?

When there are web pages within a webpage, these are called nested web pages. These nested web pages in HTML can be developed with the help of the built-in <iframe> tag. It defines an inline frame. For example:

```
<!DOCTYPE html>
<html>
  <body>
    <h2>HTML Iframes example</h2>
    <p>
      specify the size of the iframe using the height and width
      attributes:
    </p>
    <iframe src="https://intellipaath.com/" height="500"
width="700"></iframe>
  </body>
</html>
```

## 25. 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.

## 26. What is the purpose of the <canvas> tag in HTML?

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

## 27. What is the purpose of the <header>, <main>, <footer>, and <nav> tags in HTML?

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

### [28. What is the purpose of the <article> and <section> tags in HTML?](#)

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

### [29. What is the purpose of the CSS display property?](#)

The display property is used to control how an element is rendered and displayed in the browser. It can change an element's behavior from block to inline, or vice versa.

### [30. What is the purpose of the CSS position property?](#)

The position property is used to specify the positioning method of an element on the web page. It can be set to static, relative, absolute, or fixed.

### [31. What is the purpose of the CSS float property?](#)

The float property is used to align an element to the left or right of its container, allowing other content to wrap around it.

### [32. What is the purpose of the CSS box-sizing property?](#)

The box-sizing property is used to control how the width and height of an element are calculated. It can be set to content-box (default) or border-box.

### [33. What is the purpose of the CSS flexbox layout?](#)

The CSS flexbox layout is a flexible box layout model that allows you to create responsive and flexible layouts. It provides powerful tools for arranging and aligning elements within a container.

### [34. 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.

### [35. What is the purpose of the <meta> tag in HTML?](#)

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

### [36. What is the purpose of the viewport meta tag in HTML?](#)

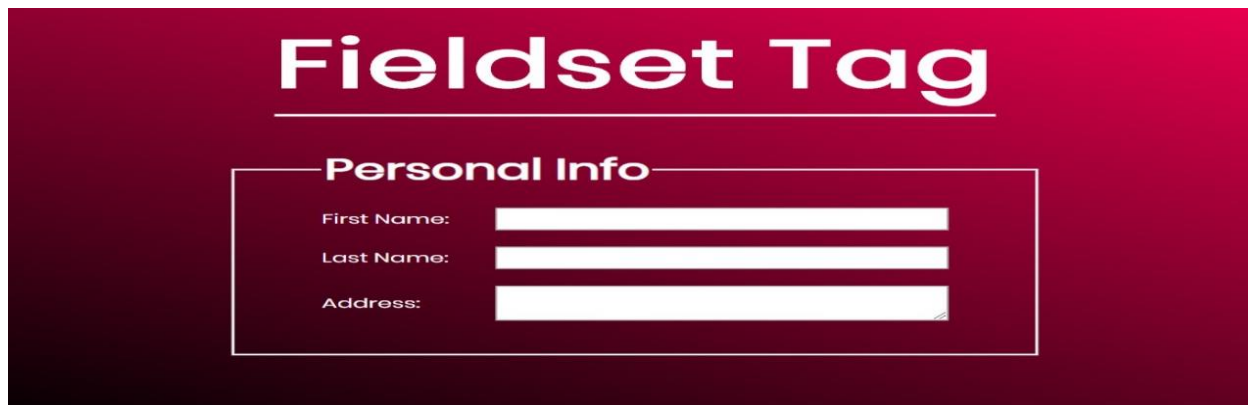
The viewport meta tag is used to control the width and scaling of the viewport on mobile devices. It ensures that web pages are displayed correctly and responsively on different screen sizes.

### [37. What is the purpose of the alt attribute in the <img> 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.

### [38. What is the purpose of the <fieldset> and <legend> tags in HTML?](#)

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



**Fieldset Tag**

**Personal Info**

First Name:

Last Name:

Address:

### [40. What is the purpose of the <time> tag in HTML?](#)

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

### [41. 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.

### [42. 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.

### [43. What is the purpose of the <nav> tag in HTML?](#)

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

### [44. What is the purpose of the <abbr> tag in HTML?](#)

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

### [45. What is the purpose of the <progress> tag in HTML?](#)

The <progress> tag is used to represent the progress of a task or the completion of a process, such as a file upload or a download.

### [46. What is the purpose of the placeholder attribute in form elements?](#)

The placeholder attribute is used to provide a hint or example value for a form input field. It is displayed in the field until the user enters their own value.

#### 47. What is the purpose of the <ruby> and <rt> tags in HTML?

The <ruby> tag is used to annotate or provide pronunciation guidance for characters in East Asian typography. The <rt> tag is used to define the pronunciation of the characters.

#### 48. What is the purpose of the <wbr> tag in HTML?

The <wbr> tag is used to suggest a line break opportunity within a word. It is used to control word wrapping in long URLs or strings without adding unnecessary spaces.

#### 49. What is the purpose of the <noscript> tag in HTML?

The <noscript> tag is used to provide an alternative content that should be displayed if a web browser does not support or has disabled JavaScript.

#### 50. 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.

#### 51. 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.

#### 52. What happens if there is no text between the tags? Is there any effect on the display of the HTML file?

If there is no text between tags, there is nothing to format so no formatting will be there. Some tags, like tags that don't have a closing tag (for example, the <img> tag), do not need to have text between them

#### 53. What is the geolocation API in HTML5?

The geolocation API in HTML5 shares a client's physical location with websites. It provides a unique experience to users and locale-based content based on their location. The geolocation API works with a new property of the global navigator object. Most of the modern browsers support this.

```
var geolocation = navigator.geolocation;
```

#### 54. What is HTML wide attribute?

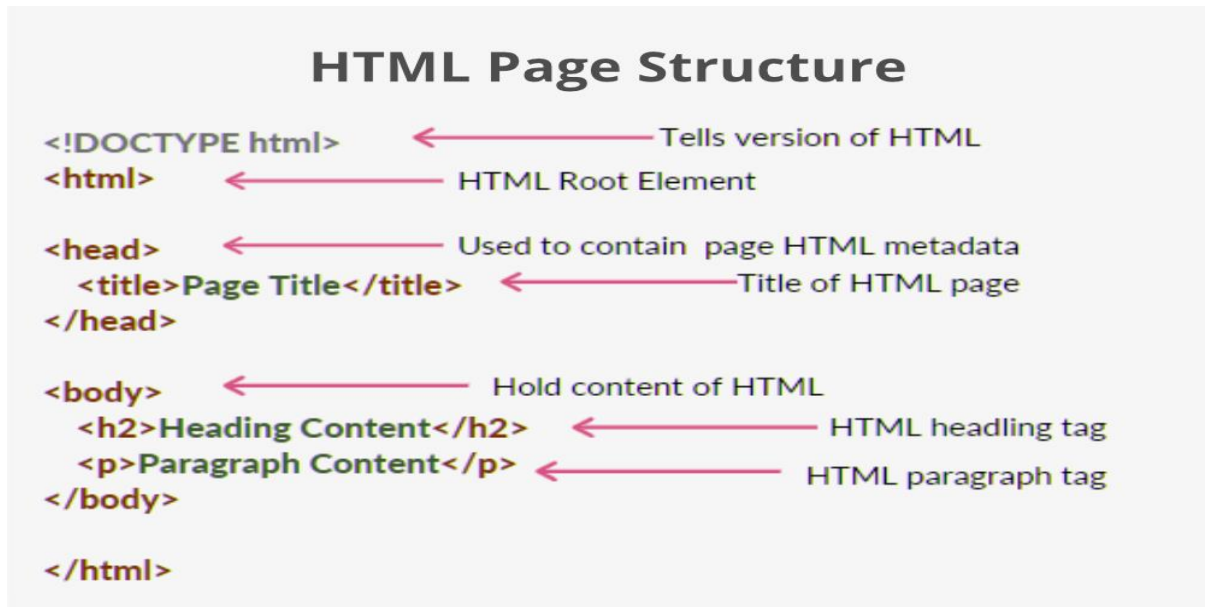
The **width** attribute on an element sets the width of the element.

The width is specified in pixels -- without the 'px' unit.



Elements that accept this attribute include `<img>`, `<input>`, `<canvas>`, `<video>`, `<embed>`, `<iframe>`, and `<object>`.

### [55. What is html structure?](#)



### [56. What is static web page?](#)

A static web page is a web page that is delivered to a web browser exactly as it is stored. Static web pages are also known as flat pages or stationary pages.

### [57. Dynamic web page?](#)

Dynamic websites are those websites that changes the content or layout with every request to the webserver. These websites have the capability of producing different content for different visitors from the same source code file.

### [58. What is use of Alt attribute in image tag?](#)

The required `alt` attribute specifies an alternate text for an image, if the image cannot be displayed.

The `alt` attribute provides alternative information for an image if a user for some reason cannot view it (because of slow connection, an error in the `src` attribute, or if the user uses a screen reader).

Example.....

```

```

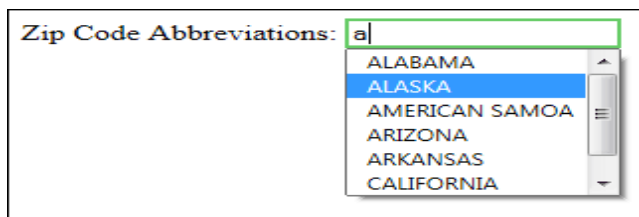
### [59. What is favicon?](#)

A Favicon is a small image displayed on the left of the page title in the browser tab.



### [60. What is datalist tag in html?](#)

**The <datalist> tag** is used to provide an in autocomplete feature in the HTML files. It can be used with an input tag so that users can easily fill in the data in the forms using selecting the data.



### [61. What is <figure> tag in html5?](#)

It is the new features of HTML5, it use a <figure> element to mark up a photo in a document, and a <figcaption> element to define a caption for the photo.

### [62. What is local storage & session storage?](#)

**Local storage and session storage** are two types of web storage that allow users to store data locally and securely within their browser

Local storage is useful for storing data that the user will need to access later, such as offline data. Session storage is similar to cookies, but the data is only stored for the current session. This means that the data will be deleted when the user closes the browser.

### [63. Geolocation of API.](#)

The HTML Geolocation API is used to get the geographical position of a user.

The Geolocation API is a service that accepts an HTTPS request with the cell tower and WiFi access points that a mobile client can detect. It returns latitude/longitude coordinates

### [64. HTML Entities.](#)

The symbol are the HTML entity. Just like <, >, @, \$, #, ^ etc.

### 65.What is marquee tag in html?

The <marquee> tag in HTML is used to create scrolling text or images on a webpage. It can scroll horizontally from left to right or right to left, and vertically from top to bottom or bottom to top. Syntax:--

```
<marquee>
```

```
    <---                contents                --->
```

```
</marquee>
```

### 66 How do you separate a section of texts in HTML?

We separate a section of texts in HTML using the below tags:

. <br> tag - It is used to separate the line of text. It breaks the current line and shifts the flow of the text to a new line.

. <p> tag - This tag is used to write a paragraph of text.

. <blockquote> tag - This tag is used to define large quoted sections.

### 67. How do you insert a copyright symbol in HTML?

You can insert a copyright symbol by using &copy; or &#169; in an HTML file

### 68. What is white space in HTML?

An empty sequence of space characters is called the white space in HTML. This white space is considered as a single space character in the HTML. White space helps the browser to merge multiple spaces into one single space, and so taking care of indentation becomes easier.

### 69. Define an image map in HTML?

The HTML <map> tag defines an image map. An image map is an image with clickable areas. The areas are defined with one or more <area> tags

An image map helps in linking with the different kinds of web pages using a single image

### 70. What is semantic HTML?

Semantic HTML tags are tags that define the meaning of the content they contain. For example, tags like <header>, <article>, and <footer> are semantic HTML tags. They clearly indicate the role of the content they contain. On the other hand, tags like <div> and <span> are typical examples of non-semantic HTML elements.

#### 71. What is SVG in HTML?

Scalable Vector Graphics (SVG) is an image format that defines vector-based graphics in XML. SVG graphics can be directly embedded in HTML pages and are scalable, meaning they do not lose quality when zoomed or resized.

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