HTML interview questions

1) What is HTML?

HTML stands for Hyper Text Markup Language. It is a language of World Wide Web. It is a standard text formatting language which is used to create and display pages on the Web. It makes the text more interactive and dynamic. It can turn text into images, tables, links

### 2) How many types of heading does an HTML contain?

The HTML contains six types of headings which are defined with the <h1> to <h6> tags. Each type of heading tag displays different text size from another. So, <h1> is the largest heading tag and <h6> is the smallest one.

1. **<h1>**Heading no. 1**</h1>**
2. **<h2>**Heading no. 2**</h2>**
3. **<h3>**Heading no. 3**</h3>**
4. **<h4>**Heading no. 4**</h4>**
5. **<h5>**Heading no. 5**</h5>**
6. **<h6>**Heading no. 6**</h6>**

### 3) What are Tags?

HTML tags are composed of three things: an opening tag, content and ending tag. Some tags are unclosed tags.

HTML documents contain two things:

* content, and
* tags

When a web browser reads an HTML document, the browser reads it from top to bottom and left to right. HTML tags are used to create HTML documents and render their properties. Each HTML tags have different properties.

4) How to create a hyperlink in HTML?

The HTML provides an anchor tag to create a hyperlink that links one page to another page. These tags can appear in any of the following ways:

* Unvisited link - It is displayed, underlined and blue.
* Visited link - It is displayed, underlined and purple.
* Active link - It is displayed, underlined and red.

5) What are some common lists that are used when designing a page?

There are many common lists which are used to design a page. You can choose any or a combination of the following list types:

* Ordered list - The ordered list displays elements in numbered format. It is represented by <ol> tag.
* Unordered list - The unordered list displays elements in bulleted format. It is represented by <ul> tag.
* Definition list - The definition list displays elements in definition form like in dictionary. The <dl>, <dt> and <dd> tags are used to define description list.

### 6) What is the difference between HTML elements and tags?

HTML elements communicate to the browser to render text. When the elements are enclosed by brackets <>, they form HTML tags. Most of the time, tags come in a pair and surround content.

### 7) What is an image map?

Image map facilitates you to link many different web pages using a single image. It is represented by <map> tag. You can define shapes in images that you want to make part of an image mapping.

### 8) How to insert a copyright symbol on a browser page?

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

### 9) How do you keep list elements straight in an HTML file?

You can keep the list elements straight by using indents.

### 10) What is a style sheet?

A style sheet is used to build a consistent, transportable, and well-designed style template. You can add these templates on several different web pages. It describes the look and formatting of a document written in markup language.

### 11) Can you create a multi-colored text on a web page?

Yes. To create a multicolor text on a web page you can use <font color ="color"> </font> for the specific texts you want to color.

### 12) Is it possible to change the color of the bullet?

The color of the bullet is always the color of the first text of the list. So, if you want to change the color of the bullet, you must change the color of the text.

### 13) What is a marquee?

Marquee is used to put the scrolling text on a web page. It scrolls the image or text up, down, left or right automatically. You should put the text which you want to scroll within the <marquee>......</marquee> tag

### 14) What are empty elements?

HTML elements with no content are called empty elements. For example: <br>, <hr> etc.

15) What is the use of a span tag? Give one example.

The span tag is used for following things:

* For adding color on text
* For adding background on text
* Highlight any color text

### 16) What is the use of an iframe tag?

An iframe is used to display a web page within a web page.

17) What are the different new form element types in HTML 5?

Following is a list of 10 frequently used new elements in HTML 5:

* Color
* Date
* Datetime-local
* Email
* Time
* Url
* Range
* Telephone
* Number
* Search

18) Which type of video formats are supported by HTML5?

HTML 5 supports three types of video format:

* mp4
* WebM
* Ogg

19) Is audio tag supported in HTML 5?

Yes. It is used to add sound or music files on the web page. There are three supported file formats for HTML 5 audio tag.

1. mp3
2. WAV
3. Ogg

### 20) What is button tag?

The button tag is used in HTML 5. It is used to create a clickable button within the HTML form on the web page. It is generally used to create a "submit" or "reset" button. Let's see the code to display the button.

### 21) If I do not put <!DOCTYPE html> will HTML 5 work?

No, the browser will not be able to identify that it is an HTML document and HTML 5 tags do not function properly…

### 22) Do all HTML tags have an end tag?

No. There are some HTML tags that don't need a closing tag. For example: <image> tag, <br> tag.

### 23) What is formatting in HTML?

The HTML formatting is a process of format the text for a better look and feel. It uses different tags to make text bold, italicized, underlined

### 24) Which HTML tag is used to display the data in the tabular form?

The **HTML table tag** is used to display data in tabular form (row \* column). It also manages the layout of the page, e.g., header section, navigation bar, body content, footer section. Here is the list of tags used while displaying the data in the tabular form:

|  |  |
| --- | --- |
| **Tag** | **Description** |
| <table> | It defines a table. |
| <tr> | It defines a row in a table. |
| <th> | It defines a header cell in a table. |
| <td> | It defines a cell in a table. |
| <caption> | It defines the table caption. |
| <colgroup> | It specifies a group of one or more columns in a table for formatting. |
| <col> | It is used with <colgroup> element to specify column properties for each column. |
| <tbody> | It is used to group the body content in a table. |
| <thead> | It is used to group the header content in a table. |
| <tfooter> | It is used to group the footer content in a table. |

### 25) What is semantic HTML?

Semantic HTML is a coding style. It is the use of HTML markup to reinforce the semantics or meaning of the content. For example: In semantic HTML <b> </b> tag is not used for bold statement as well as <i> </i> tag is used for italic. Instead of these we use <strong></strong> and <em></em> tags.

### 26) How to create a nested webpage in HTML?

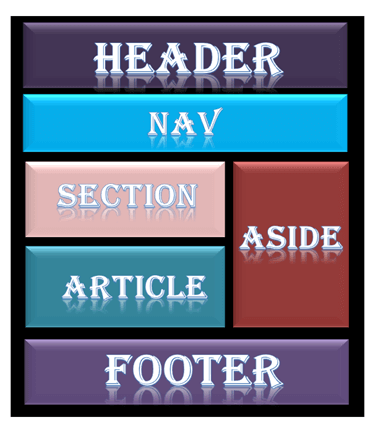
The HTML iframe tag is used to display a nested webpage. In other words, it represents a webpage within a webpage. The HTML <iframe> tag defines an inline frame.

### 27) Does a hyperlink only apply to text?

No, you can use hyperlinks on text and images both. The HTML anchor tag defines a hyperlink that links one page to another page. The "href" attribute is the most important attribute of the HTML anchor tag.

28) Explain the layout of HTML?

HTML layout specifies a way in which the web page is arranged.



Every website has a specific layout to display content in a specific manner.

Following are different HTML5 elements which are used to define the different parts of a webpage.

* <header>: It is used to define a header for a document or a section.
* <nav>: It is used to define a container for navigation links
* <section>: It is used to define a section in a document
* <article>: It is used to define an independent, self-contained article
* <aside>: It is used to define content aside from the content (like a sidebar)
* <footer>: It is used to define a footer for a document or a section

29) How many tags can be used to separate a section of texts?

Three tags are used to separate the texts.

* <br> tag - Usually <br> tag is used to separate the line of text. It breaks the current line and conveys the flow to the next line
* <p> tag - The <p> tag contains the text in the form of a new paragraph.
* <blockquote> tag - It is used to define a large quoted section. If you have a large quotation, then put the entire text within <blockquote>.............</blockquote> tag.

### 30) How to make a picture of a background image of a web page?

To make a picture a background image on a web page, you should put the following tag code after the </head> tag.

1. **<body** background = "image.gif"**>**