

## HTML interview questions:

1. How do you create links to sections within the same page?

```
<a href="#div1">goto div</a>  
<div name="div1">
```

2. 37) What is a marquee?

A marquee allows you to put a scrolling text in a web page. To do this, place whatever text you want to appear scrolling within the `<marquee>` and `</marquee>` tags.

3. What are two types of Web Storage in HTML5?

Two storage types of HTML5 are:

Session Storage:

It stores data of current session only. It means that the data stored in session storage clear automatically when the browser is closed.

Local Storage:

Local storage is another type of HTML5 Web Storage. In local storage, data is not deleted automatically when the current browser window is closed.

4. Tell me two benefits of HTML5 Web Storage

Two main benefits of HTML5 Web Storage:

It can store up to 10 MB data which is certainly more than what cookies have.

Web storage data cannot be transferred with the HTTP request. It helps to increase the performance of the application.

5. 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.

6. 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.

```
<body>
```

```
<h2>HTML Iframes example</h2>
```

```
<p>Use the height and width attributes to specify the size of the iframe:</p>
```

```
<iframe src="https://www.javatpoint.com/" height="300" width="400"></iframe>
```

```
</body>
```

7. 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

8. Make background Image

```
<body background = "image.gif">
```

9. What are empty elements?

HTML elements without a closing tag are called empty elements. For example: <br>, <hr> etc.

10. Why is a URL encoded in HTML?

An URL is encoded to convert non-ASCII characters into a format that can be used over the Internet because a URL is sent over the Internet

by using the ASCII character-set only. If a URL contains characters outside the ASCII set, the URL has to be converted.

The non-ASCII characters are replaced with a "%" followed by hexadecimal digits. converts space to %20

URLs can only be sent over the Internet using the ASCII character-set. If a URL contains characters outside the ASCII set, the URL has to be converted.

11. What is the canvas element in HTML5?

The <canvas> element is a container that is used to draw graphics on the web page using scripting language like JavaScript.

It allows for dynamic and scriptable rendering of 2D shapes and bitmap images.

There are several methods in canvas to draw paths, boxes, circles, text and add images.

12. what is svg?

HTML SVG is used to describe the two-dimensional vector and vector/raster graphics.

It is mostly used for vector type diagrams like pie charts, 2-Dimensional graphs in an X, Y coordinate system.

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

Color

Date

Datetime-local

Email

Time

Url

Range

Telephone

Number

Search

14. HTML 5 supports three types of video format:

mp4

WebM

Ogg

15. audio format

mp3

WAV

Ogg

16. What is the use of figure tag in HTML 5 and figcaption tag ?

figure tag is used to add image to a web page. The <figcaption> element is used to provide a caption to an image.

17. datalist tag

The HTML 5 datalist tag provides an autocomplete feature on the form element.

It facilitates users to choose the predefined options to the users to select data.

18. 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.

20 <a href="#" target="\_blank"></a> open link in new tab

21. semantic elements describe the user what particular content of a page is all about.

22. Can we change inline elements into block-level elements? yes using display: block;

23. Why Meta tags are used in HTML?

Meta tags in html are used by the developer to tell the browser about the page description, author of the template, character set, keywords and many more.

24. How can we include Google maps on a website?

HTML Google maps allow us to display Google maps on our web page:

```
<!DOCTYPE html>
```

```
<html>
```

```
<body>
```

```
    <h1>HTML Interview Questions Google Map</h1>
```

```
    <div id="map" style="width: 400px; height: 400px; background: yellow"></div>
```

```
    <script>
```

```
        function myMap() {
```

```
            var mapOptions = {
```

```
                center: new google.maps.LatLng(51.5, -0.12),
```

```
                zoom: 10
```

```
            }
```

```
            map = new google.maps.Map(document.getElementById("map"), mapOptions);
```

```
        }
```

```
    </script>
```

```
    <script src=
```

```
"https://maps.googleapis.com/maps/api/js?key=AlzaSyBu916DdpKAjTmJNlgnS6HL_kDIKU0aU&callback=myMap">
```

```
    </script>
```

```
</body>
```

```
</html>
```

25. Differentiate between HTML and XHTML.

A static webpage is an html web page and dynamic web pages are XHTML.

XHTML are more stricter than HTML.

An XML application of HTML is defined as XHTML.

All modern browsers support XHTML

## 26. What is Web Workers?

Web Workers is a code of JavaScript which runs in the background threads without disturbing the performance of the page.

It is used for computing-heavy tasks like an access database or function.

## 27. span tag is used for inline text and styling the same content if needed.

## 28. Attributes provide additional information about HTML elements.

```
<a href="https://www.w3schools.com">This is a link</a>
```

```
<img src="" width="500" height="600" alt="Girl with a jacket">
```

The alt attribute specifies an alternative text to be used, when an image cannot be displayed.

## 29. Tooltip

```
<p title="I'm a tooltip">
```

This is a paragraph.

```
</p>
```

## 30 Entities

&lt, &gt, &copy;

## 31. html form elements

input , select, text area, button, datalist(predefined options), keygen and output

```
<form>
```

```
<input list="browsers" >
```

```
<datalist id="browsers">
```

```
<option value="Internet Explorer">
```

```
</datalist>
```

```
</form>
```

## 32. input attributes

required, readonly, disabled, checked, selected, multiple(dropdowns), min, max, autocomplete....

## 33. object element

It is used to embed plug-ins (like Java applets, PDF readers, Flash Players) in web pages.

link to interview questions

<https://www.goskills.com/Development/Articles/HTML-interview-questions-answers>