**HTML interview question and answers:**

Html is not a programming language and its just a markup language \coz we will not use any logic in html and we will use tags to make a structure of web page

What id HTML.

HTML is a hypertext markup language which is widely used for the web development and it tells us that what to display and where to display in web browser.

What are the HTML tags?

HTML tags are used to place the elements in proper format and tags always have the start and end tags with the symbol {<,>}.

Some of the tags don’t have end tags i.e.… <br>, <hr>, <img> etc…

What are the HTML attributes?

The HTML attributes give an additional info to the tags.

It has to be declared in the starting tags and self-closing tags such as img tags.

How do you separate the text in the HTML?

To separate the HTML text, we can use tags like: <br>, <hr>, <blockquote>

How many types of list are there in HTML?

We have 3 types

1.Unordered list

It will give the data in bullet points format

<ul>

<li>content<li>

<ul>

2.Ordered list

It will give the data in number format

<ol>

<li> content<li>

<ol>

3.Description list

It will give the data in description format

<dl>

<dt>content>

<dd>description of the content <dd>

<dt>

How do you align the text in HTML file?

What is an element in HTML?

It’s a combination of the starting tag, content, ending tag.

What is difference between the HTML and CSS?

HTML represents the structure and content of the web pages. whereas CSS gives the style and layout of the web pages

Are HTML tags and HTML elements the same thing

No, HTML tags are used to define the structure of the web page and HTML element defines the set of a tag on a specific part of the HTML web page. The combination of the start tag, content, end tag.

What are the void elements in HTML tags?

It doesn’t require any closing tag and where tags are like img and line break and text break that does not require the closing tags

Advantage of collapsing white space in HTML?

It will be used to reduce the size of the webpages and removes unwanted and unnecessary whitespaces, blankspaces, texts in the HTML elements.

What are the HTML entities?

It represents the reserved character in HTML.

Suppose if you want <(greater) and (less than) > symbols it will be mixed up with the start and end tags of the HTML tags

They often used to display the special or foreign characters in the HTML

16. How would you display the given table on an HTML webpage?

|  |  |  |
| --- | --- | --- |
| 5 pcs | 10 | 5 |
| 1 pcs | 50 | 5 |

The HTML Code for the problem depicted above is:

<table>

  <tr>

    <td>50 pcs</td>

    <td>100</td>

    <td>500</td>

  </tr>

  <tr>

    <td>10 pcs</td>

    <td>5</td>

    <td>50</td>

  </tr>

</table>

How do we insert a comment in HTML?

By using shift+/

How do you insert a copyright symbol in HTML?

By using **“ &copy**; ”

What is white space in HTML?

How do you create the links to the different section in the same HTML webpage?

By using # symbol i.e. <a href” #”> Content</a>

How do you create the hyperlink in HTML?

By using <a> tag (anchor tag)

Define an image map

Why do we use style sheet in HTML?

To use the stylesheet for various webpages with one sheet that can be used.

What are semantic tags and non-semantic tags?

Semantic tags: Elements with the meaning to both the web and developer

Ex: <head>, <HTML>, <p>, <h1>.

Non-semantic: Elements with no meaning

Ex:<div>, <span>

What would happen if there are no text in between the HTML tags?

Nothing will be displayed on the web page. Some tags don’t require text in their tags like img tag.

How do you create the nested webpages in the HTML?

By using iframe tag

<iframe scr ” ”> content </iframe>

How do you create button in HTML?

By using button tag

<button type=” button”> Click me...</button>

Different types of heading tags

<h1> is the largest heading tag.

<h2>

<h3>

<h4>

<h5>

<h6> is the last heading tag

How do you insert an image in HTML web page?

By using <img> tag

<img scr=” “alt=” alternative of the text”>

What is the alt attribute of img tag in HTML?

It defines the alternative text to the image if the image is not loaded sue to some technical reasons

Hyperlinks in HTML web pages?

By using <a> tag

<a href=”URL “> text of the content </a>

How do you add color in HTML?

By using style attribute in HTML tag

<h1 style=” color: blue”> content <h1>

How do you add the CSS in HTML?

Three types:

1. Inline CSS property: which is used for a single element in the HTML. We need to use style attribute in the HTML tag
2. External CSS property: In this we need to use the external style sheet for using one or more HTML documents and elements

<link rel=” stylesheet” href=”URL of the external stylesheet”

1. Internal stylesheet: By using style tag in the Head section page of the HTML document.

<head>

<style>

Style for the HTML elements

</style>

</head>

What hierarchy do the style follows

Inline > internal > external

First inline, second internal, third external

**Advanced HTML questions:**

What is the class attribute in HTML?

Class attribute can be used to apply a specific style to a group of elements on a web page.

What is the different b/w id and class attributes in HTML?

Id: it can be used for a single element in the HTML doc and class attribute will be used for a group of elements in the HTML doc

What is difference between the HTML and XHTML?

HTML and XHTML are both used for creating the web pages and XHTML is stricter that HTML

What is difference b/w the HTML and HTML5?

It is the latest version of the HTML and the HTML5 improved some new features like including audio and video in the web pages and more semantic and better support for the mobile

What is the <head> tag usage in HTML doc?

Its is the first element of the HTML doc and it is used to define info about the web page that don’t display on the web pages such as keywords, title. It is located b/w the <HTML> and <body> tags.

<HTML>

<head>

<body>

What is the role of <meta> tag in HTML?

It describes the additional info of the web page and such as author, description, keywords. it is located in between the <head> section tag.

What is difference b/w absolute and relative URL?

The absolute URL is nothing but the full URL includes the http or https://

Ex: https://www.google.com

The relative URL is nothing but it is the local URL like .img, .png with any http.

Ex: images/image.img

What is the role of the title tag in HTML?

It can be used to display the title of the document on the webpage

What is the use of form tag in HTML?

It is used to create the user info forms that collects the user data such as login forms, signup forms

Different types of form input fields

Input types are: Text, Button, Radio button, Password, Date, Month, Age, placeholder, email,

What is the role of action attribute in HTML?

It defines what action need to be taken when the form is submitted.

The form data will be sent to the server when the form is submitted through the URL

What are the different types of method attributes in HTML?

The http method that used to submit after the data is submitted. The most common used methods are Get and post.

Get used to retrieve the data from the server and post is used to send the data to the server

How many ways you can display in HTML?

Inline, block, inline-block, none

Whit id the difference between the display: none and visibility: hidden

Both removes the element from the workflow and hides it

Display: none hides the data with no spaces occupied in the doc

Visibility: hidden hides the data and occupies some space in the doc

How to specify the link and explain about the target attribute

Links can be defined by using <a> tags and href tags and target attribute is used to tells us the page should be opened in the same window or different window

Difference between the link tag and anchor tags<a>

The anchor tag used for the hyperlink to another webpage or certain part of the webpage and it is clickable.

Link tags are used to link between a document and external sheet and it’s not clickable.

What are the container tags and empty tags?

Container tags are the tags which have both starting, content closing tags

Empty tags are the tags which don’t have closing tags

Describe HTML structure?

Every web page has a different type of components which will be intended to display in UI.

<header> It represents the title of the web page

<footer> It is the last element of webpage it represents the footer data

<nav> It is the Nav bar used for menu

<article> It set the information

<section> It is inside the article tag which gives the structure to the page

<aside> It is used to represent the side bar of the webpage

How to optimize website the asset loading in

To optimize website load time, we need to optimize its asset loading and for that:

**CDN hosting** - A CDN or content delivery network is geographically distributed servers to help reduce latency.

**File compression** - This is a method that helps to reduce the size of an asset to reduce the data transfer

**File concatenation** - This reduces the number of HTTP calls

**Minify scripts** - This reduces the overall file size of js and CSS files

**Parallel downloads** - Hosting assets in multiple subdomains can help to bypass the download limit of 6 assets per domain of all modern browsers. This can be configured but most general users never modify these settings.

**Lazy Loading** - Instead of loading all the assets at once, the non-critical assets can be loaded on a need basis.

Formatting tags?

It used for the several text formatting to display in the web page

B, strong, I, em, sup, sub, del, mark, ins, small

What are the different types of doctypes in html?

Strict

Transitional

Frameset

What is cell padding and cell spacing?

Cell spacing is nothing but the space or gap in between the two consecutive cells

Cell padding is nothing but the space or gap between the text/content of the cell/border of the cell

How can you club two or more columns or rows in a table?

We have tags like col span and rows span which are used to club the rows and columns in the table

Is it possible to change the property of inline into block element?

By using display property

In how ways we can display the property type

Inline: using this we can change the block element into inline. we can’t change the height and width of the elements

Block: Using this we can change the inline into block elements. By default, this will be there

Inline-block: Its just like inline. Here we can change height and width of the elements

Flex: using this we can display in flex property it acts as flexbox

Inline-flex: It will be acted as the flexbox

Grid: It will be displayed as the grid container

None: It will be displayed as none

Advantages of the html5 version

It supports the multimedia

JavaScript can be run in background

We can draw a various shape like rectangle, circle in html5

How can you include audio and video in the web page?

By using audio and video tags

Difference b/w the inline and block elements

Inline elements: It occupies only required quantity of space and doesn’t starts in new line

Ex: <span>, <img>, <abbr>, <a>

Block elements: it occupies the full space and line and it will start in new line

Ex: <div>, <header>, <footer>

Difference b/w the figure and img tags?