

HTML

INTERVIEW QUESTION PREPARATION



VISHNU RAJORIA

What is the meaning of Hyper text in HTML?



VISHNU RAJORIA

hypertext

“

The concept of hypertext was central to the creation of the World Wide Web. Through the use of textual links, Web pages written in HyperText Markup Language (HTML) can be linked and cross-referenced throughout the Web.

”



VISHNU RAJORIA

What is the difference
between **html** and **css**



VISHNU RAJORIA

html vs css

“

HTML is used to create the structure and content of a web page, while CSS is used to define the appearance and layout of the page.

”



VISHNU RAJORIA

What is document type declaration in HTML?



VISHNU RAJORIA

DOCTYPE

“

The DOCTYPE declaration is an instruction to the web browser about what version of HTML the page is written in. This ensures that the web page is parsed the same way by different web browsers.

”



VISHNU RAJORIA

DOCTYPE

```
<!DOCTYPE html>
```

```
<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.01//EN"  
"http://www.w3.org/TR/html4/strict.dtd">
```

```
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Strict//EN"  
"http://www.w3.org/TR/xhtml1/DTD/xhtml1-strict.dtd">
```



VISHNU RAJORIA

Why developers write comments in the code? How to write comment in html?



VISHNU RAJORIA

comment

“

We can insert a comment in HTML by beginning with a lesser than sign and ending with a greater than sign.

”

For example, “<!--” and “->.”



VISHNU RAJORIA

What is white space in HTML?



VISHNU RAJORIA

Whitespace

“ Whitespace is any string of text composed only of spaces, tabs or line breaks. These whitespace are largely ignored by the browser. ”



VISHNU RAJORIA

Are the HTML **tags** and **elements**
the same thing?



VISHNU RAJORIA

tag vs element

Tag :

`<h1>,</h1>,
,<hr>,<div>,</div>`

Element:

`<h1>This is a heading</h1>`



VISHNU RAJORIA

What are **tags** and **attributes** in HTML?



VISHNU RAJORIA

tag vs attribute

“

Tags are used to define the structure and content of a webpage, while attributes provide additional information about a specific element within a tag.

”



VISHNU RAJORIA

What are **void elements** in HTML?



VISHNU RAJORIA

Void Element

“

A **void element** is an element in HTML that **cannot** have any child nodes (i.e., nested elements or text nodes). Void elements **only have a start tag**. end tags must not be specified for void elements.

”



VISHNU RAJORIA

What is the difference between anchor and link tag?



VISHNU RAJORIA

<a> vs <link>

“

<a>

This hyperlink is used to link from one webpage to another web page or some section of the same web page.

<link>

tag is used to link the external resources, such as CSS style sheets, or to add a favicon (small image displayed next to the page title in the browser tab.) to the website. It is not visible content on the page.

”



VISHNU RAJORIA

What is the advantage of **collapsing white space?**



VISHNU RAJORIA

Collapsing white space

“ it can help reduce the size of HTML documents, making them load faster. This is because white space, such as extra spaces or line breaks, takes up unnecessary bytes in the document. ”



VISHNU RAJORIA

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



VISHNU RAJORIA

Meta

“The <meta> tag provides additional information about the web page, such as the author, description, and keywords. It is located within the <head> section of the HTML document.”



VISHNU RAJORIA

What are the different **types of list** in HTML?



VISHNU RAJORIA

Type of list in html

Ordered lists

1. Mix both solutions
2. Stir them well.
3. Add a few drops of the sulphuric acid.

```
<ol>
  <li>Mix both solutions</li>
  <li>Stir them well.</li>
  <li>Add a few drops of the sulphuric acid.</li>
</ol>
```

Unordered lists

- Sulphuric Acid
- Temperature
- Solution1
- Solution2

```
<ul>
  <li>Sulphuric Acid</li>
  <li>Temperature</li>
  <li>Solution1</li>
  <li>Solution2</li>
</ul>
```

Definition lists

- String
group of characters in double quotation marks
- Operators
perform operations on operands to evaluate.

```
<dl>
  <dt>String</dt>
  <dd>group of characters in double quotation marks</dd>
  <dt>Operators</dt>
  <dd>perform operations on operands to evaluate.</dd>
</dl>
```



VISHNU RAJORIA

What is the difference between the
'id' attribute and the 'class'
attribute of HTML elements?



VISHNU RAJORIA

ID vs Class

“

While an ID is to be used specific to a single element, classes can be assigned to multiple elements on a page or throughout the website. While a single element can only have one ID, it can have multiple classes.

”



VISHNU RAJORIA

What is the difference between an absolute and relative URL?



VISHNU RAJORIA

Absolute vs relative URL

“

An absolute URL includes the full web address, the protocol (such as http or https) and the domain name (such as www.cslab.com).

A relative URL, on the other hand, specifies the location of a resource relative to the current web page. For example, a relative URL might include the file path (such as /images/picture.jpg) or the relative path (such as ../images/picture.jpg).

”



VISHNU RAJORIA

How to **optimize** website assets loading?



VISHNU RAJORIA

ID vs Class

“

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

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

”



VISHNU RAJORIA

What is the difference between **inline**,
block and **inline-block** elements?



VISHNU RAJORIA

What is the difference between fixed vs absolute positioned elements?



VISHNU RAJORIA

What is the difference between “display: none” and “visibility: hidden”, when used as attributes to the HTML element.



VISHNU RAJORIA

Visibility vs display

“

When we use the attribute “visibility: hidden” for an HTML element then that element will be hidden from the webpage but still takes up space. Whereas, if we use the “display: none” attribute for an HTML element then the element will be hidden, and also it won't take up any space on the webpage.

”



VISHNU RAJORIA

In how many ways can we specify the CSS styles for the HTML element?



VISHNU RAJORIA

CSS

“

1. Inline
2. internal
3. external

”



VISHNU RAJORIA

When to use scripts in the head and when to use scripts in the body?



VISHNU RAJORIA

Form

What is we create a form with the following tag explain what it does?

```
<form action = "" method = "post">
```

...

```
</form>
```



VISHNU RAJORIA

How to handle events in html **without using**
addEventListener() in javascript.



VISHNU RAJORIA

Event handling

```
<input type="button" onclick="myFunction()" value="Click Me" />
```



VISHNU RAJORIA

Is the `<datalist>` tag and `<select>` tag same?



VISHNU RAJORIA

Datalist

```
<!DOCTYPE html>
<html>
  <body>
    <h2>
      <label>
        Enter your favroite fruit:-
      </label>
      <input
        list="fruits"
        name="fruit"
        id="fruit"
      />
      <datalist id="fruits">
        <option value="Mango" />
        <option value="Apple" />
        <option value="Kiwi" />
        <option value="Guava" />
      </datalist>
    </h2>
  </body>
</html>
```

Output

Enter your favroite fruit:-

Mango
Apple
Guava

What is **web storage**?



VISHNU RAJORIA

Visiblity vs display

“

This web storage helps in storing some of the static data in the local storage of the browser so that we do not need to fetch it from the server every time we need it. There is a size limit based on different browsers. This helps in decreasing the load time and a smooth user experience.

There are two types of web storage in HTML5:

Local Storage
Session Storage

”



VISHNU RAJORIA

Which tag is used for representing the result of a calculation?



VISHNU RAJORIA

Output tag

```
<form oninput = "result.value=parseInt(n1.value)+parseInt(n2.value)">
  <input type = "number" name = "n1" value = "1" /> +
  <input type = "number" name = "n2" value = "2" /><br />
  The output is: <output name = "result"></output>
</form>
```

+
The output is: 9



VISHNU RAJORIA

What is the usage of a novalidate attribute for the form tag that is introduced in HTML5




VISHNU RAJORIA

novalidate

```
1 <form action = "" method = "get">  
2     Name:<br><input type="name" name="sname" required><br>  
3     Doubt:<br><input type="number" name="doubt" required><br>  
4     <input type="submit" value="Submit">  
5 </form>
```

Name:

Doubt:

 Please fill out this field.



VISHNU RAJORIA