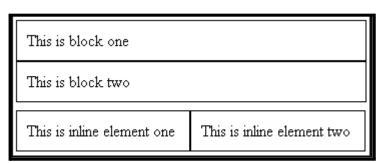
HTML INTERVIEW Q&A

1. Difference between div and span?

<div> tag stands for division tag and it is block-level element means it is bound to take the whole width of the screen. Its default CSS "display" property is "display : block".

 tag is an inline element means it only takes the space that is required for the content.. Its default CSS "display" property is "display : inline".

Div is a block element and it acquires the entire width so the next element which will come, will always come in the next line. Whereas **Span** is an inline element, it acquires only the width which is required for the content so the next element will be starting from the same line only.



2. Difference between class and IDs?

In HTML, the differences between class and ID is:

• One element can have more than one class i.e. **class = "box box1"**. On the other hand, one element can have only one id i.e. **id = "heading"**

- IDs are unique which means you can not give one id to multiple elements. On the otherhand classes are not unique we can use same class on multiple elements.
- When we style an element using class we use **class** = "box" .box{}. On the other hand to style an element using id we use **id** = "heading" #heading

3. What are self-closing tags and empty elements?

In HTML, A self-closing tag is a type of tag that need not be closed by closing tag, which means there is no separate closing tag for it as </tag>.

Normal tags require opening and closing tags both like <div> is an opening tag and </div> is a closing tag.

Elements that don't have any content are called **empty elements**.

 is an **empty element** without a closing tag (the
 tag defines a line break).

Empty elements can be "**closed**" in the opening tag like this:
. Example: , <input /> ,
, <hr />

4. How many types of heading tags are there? How to decide which to use where?

Heading tags are titles or subtitles that we want to display on our webpage. There are <u>six</u> levels of heading tags are there in HTML. These tags play an important role in making your website SEO(search engine optimization) friendly.

<h1> <h2> <h3> <h4> <h5> <h6>

h1 tag you should when you want to give the main heading of the page.

h2 h3 tags you should use to give the sub-headings in the page.

h4 h5 h6 tags you should use to give the content.

As you move from h1 to h6 the importance of the heading decreases. h1 is of highest importance and h6 is of least importance.

5. Difference between block and inline?

Block elements acquire the entire width of the screen. Its default CSS "display" property is "display : block".

Examples of block elements are <div>, , <h1>to<h6>, and <form> etc.

Inline elements acquired only the width required for the content. Its default CSS "display" property is "display : inline".

Examples of inline elements are <a>, , , <input>, <label> etc.

6. Difference between and ?

The and tags are used for emphasizing parts of a text.

The tag should be used to indicate strong importance. It makes text look bold, i.e. **Text**

The tag should be used to represent stress emphasis, like when you'd read the emphasized text in a different tone of voice. This also makes the text look bold, but if you are using Google dictation then it will read the text with a little emphasis. i.e **Text**

7. What are Attributes?

In HTML, attributes are special words which provide additional information about the elements and are the modifiers of HTML elements.

Attributes should be written in lowercase only as they are case sensitive. It should always be applied with its name and value pair.

It should always be applied with the start tag, we can add multiple attributes to an element by giving space between two attributes.

Ex :

Here src and alt are attributes of img tag.

8. Difference between HTML Tags and Elements?

HTML tags- Tags are the starting and ending part of an HTML element. They begin with the "<" symbol and end with ">". Whatever written inside < and > are called tags. For instance: -- <div></div> div is a html tag

HTML elements – Elements enclose the contents in between the tags. They consist of some kind of structure. It generally consists of a start tag, content and end tag. For instance: -- Content is a html element.

9. Explain
tag?

The
br> tag in HTML documents is used to create a line break in a text. It is an empty tag which means it does not need an end tag like </br>.

It is generally used in poems and addresses where the division of line is necessary.

Implementation Questions

1. Write code to create an ordered list with roman numbers.

Ordered list in html is used to create list elements which are following some specific order. Its default type is number or "1". Other types which it supports are "I", "i", "A", "a".

Code:-

Output:-

I. Apple

II. Orange

III. Banana

2. Write code to create an unordered list with a circle.

Unordered list in html is used to create list elements which are random in fashion. Its default type is bullet or "disc". Other types which it supports are "circle", "square", "none".

Code:-

- First
- Second
- Third

3. Write a code to create a link to https://www.prepbytes.com

To create links in HTML, we use anchor tags. These tags can be used to redirect to a new HTML page and also to a web page. So in href attribute we can give the web page link or we can give the location of the html file we want to load.

target = "blank" you can give when you want to open that page in a new tab.

Code:-

```
<h2>Link to go to Prepbytes</h2>
```

Prepbytes

Prepbytes

Output:-

Link to go to PrepBytes

PrepBytes

4. Write a code to insert an image.

To insert an image in html, we use img tag. In this tag we have to use src (source) attribute to provide the image url. And other than that we give alt (alternate) attribute, whose value will be displayed on the screen if the image url given in source is not correct.

Code:-

<h1>Image</h1>

Output:-

Image



5. Write a HTML code to create 2*2: Table column should be name and salary, provide two entries for this.

To insert a table in HTML, we use table tag. Inside table we have multiple tags which are having specific usage:

tr (table row): used to create table row

th (table head): used to create the heading of the table

td (table data): used to enter any data in the table

Code:-

```
Name
John
David

>ta>Balary

Salary
40

40
```

Output:-

Name	Radhe	Shyam
Salary	15k	20k

Name	Salary
Radhe	15k
Shyam	20k

6. Create a form that contains input fields like name, age, email and contact and you should be able to see the details given by user in the page url after submitting the form.

Whenever you are creating in HTML forms, you should create an input field inside that we must add attributes like type, name, id and value. So that when you are submitting the form you are able to see the output given by the user in the url.

Code:-

```
<h3>Form</h3>
<form action="#">
<label for="name">Name:</label>
<input type="text" name="name" id="name" value="" placeholder="enter your name...">
```

```
<label for="email">Email:</label>
<input type="email" name="email" id="name" value="" placeholder="enter your
email...">

<label for="age">Age: </label>
<input type="number" name="age" id="name" value="" placeholder="enter your
age...">

<label for="contact">Contact:</label>
<input type="tel" name="contact" id="contact" value="" placeholder="enter your
contact...">

<input type="submit" name="submit" value="submit">
</form>
```

Form

Name: enter your name...

Email: enter your email...

Age: enter your age...

Contact: enter your contact...

7. Create a table and explain how to achieve colspan?

Colspan is used to combine two columns together.

Code:-

```
Name
```

Submit

```
Designation

Rohan

Edesignation

Front-end Dev

Backend Dev

Vihan

Front-end Dev

Backend Dev
```

Table with colspan

Name	Designation				
Rohan	Front-end Dev	Backend Dev			
Vihan	Front-end Dev	Backend Dev			

8. Create a radio button (MERN, MEAN: course) and checkbox(HTML, CSS, React, Node: technology) and explain the difference between these two?

Note: In radio and checkbox, you should always remember two things.

Firstly, you should write the input tag first and then the label tag.

Secondly, all the radio buttons which fall under the same category should have the same value of name attribute and similar with the checkbox.

Code:-

```
<h3>Radio button</h3>
<input type="radio" value="MERN" name="course" id="course">
<label for="course">MERN</label>
<input type="radio" value="MEAN" name="course" id="course">
```

```
<label for="course">MEAN</label>
<h3>Checkbox</h3>
<input type="checkbox" value="HTML" name="technology-1" id="technology">
<label for="technology">HTML</label>
<input type="checkbox" value="CSS" name="technology-2" id="technology">
<label for="technology">CSS</label>
<input type="checkbox" value="React" name="technology-3" id="technology">
<label for="technology">React</label>
<input type="checkbox" value="Node" name="technology-4" id="technology">
<label for="">Node</label></label></label>
```

Radio button

● MERN ○ MEAN

CheckBox

☐ HTML ☑ CSS ☑ React ☑ Node

Radio:-	Checkbox:-		
It is used when only one option is to			
be selected out of several available options.	to be selected.		
1	Checkbox is presented as a small		
circle on the screen.	square box on the screen.		
It is used when you want to limit the user's choice to just one option from	It is used when you want to allow users to select multiple options		
the range provided.	users to select multiple options.		
In the radio button we have to keep	In checkbox it is not compulsory to		
the value of the name attribute same.	keep the value of the name attribute		
	same, but good practice is to keep it		
	same for every checkbox.		