

# Interview Preparation

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## 1. Difference between <div> and <span> elements ?

- <div> : Division Tag, It is a Block-level Element , It takes the whole width of the browser/ webpage.
  - Used create division of a webpage
- <span> : Span Tag, It is an inline Element, it only takes spaces as per the elements present inside of it
  - Used to wrap small portions of text, image etc.

Similarities : Both tags are used for Wrapping or containing other HTML elements

```
<div style="background-color: aqua;">
  <em>Something2</em>
  <em>Something2</em>
  <em>Something2</em>
  <em>Something2</em>
</div>
<span style="background-color: yellow;">
  <em>Something2</em>
  <em>Something2</em>
  <em>Something2</em>
  <em>Something2</em>
</span>
```

## 2. Differentiate between class and id attribute.

Both Tags are used for providing identification parameters to a HTML element. 'class' attribute is generally used for CSS styling whereas 'id'

id : Must be Unique

Class : Need not be Unique

```
<em class="myStyle">Something2</em>

<em id="1">Something2</em>
```

## 1. What are self-Closing Tags ?

Self-Closing tags are tags that do not need a closing tag .

Eg : <img> : image tag

<br> : Line Break tag

<input> : Input Tag

- <hr> : Horizontal Rule Tag

<meta> : meta tag : Only exists to provide information about the web document

## 2. How many type of Headings are there ?

- H1 : 32px
- H2 : 24px
- H3 : 18px
- H4 : 16px
- H5 : 13px
- H6 : 10px

## 5. Difference between Block and Inline elements

- Block Elements take the whole width of the webpage
- Inline Elements take width necessary for the content inside it
- Block Elements always start on a new Line
- Inline Elements don't not start on a new Line
- Block Elements Example : <div> <p> <h1> to <h6> <table> <li>
- Inline Elements Example : <span> , <img> , <a> , <input> , <label> , <iframe>

## 6. Difference between <em> and <strong>

Similarity : Both are inline elements that are used to emphasizing parts of a sentence.

Em : Makes it italicized : The <em> element is for words that have a stressed emphasis compared to surrounding text, which is often limited to a word or words of a sentence and affects the meaning of the sentence itself. 'This text or word is more important than the others'

The <strong> element is for content that is of greater importance, while the <b> element is used to draw attention to text without indicating that it's more important.

## 7. What is an Attribute ?

Attribute are special words that provide additional information about the specific Element that you have made .

Attributes are always specified in the starting tag of the HTML element

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

```
</form>
```

## 8. Difference between HTML Tags and HTML Elements

**HTML Elements** are created using **HTML Tags**

**HTML Tags** : Tags are enclosed between < and > symbols .Every HTML element has it's own set of HTML Tags

<a href="www.prepytes.com" >Link </a>  
HTML Element

An HTML element is the content that appears on the web page, while an HTML tag is the code used to define that content and specify how it should be displayed.

## 9. Explain the <br> Tag ?

- <br> : Line Break
- Self Closing Tag
- It is a Block Element
- All Elements occurring after the <br> will be sent to the next line

- Used for creating a division of Line.
- When the web page is rendered in a web browser, any content that comes after the `<br>` tag will appear on the next line.

## 10. What are Semantic Tags ?

HTML Tags can be classified into two groups

- Semantic Tags
  - Tags that are specific about their functionality .
  - Eg : `<img>` , `<button>` , `<h1>` , `<a>`
- Non-Semantic Tags
  - Tags that are generally meant to group/wrap other HTML Elements inside of them.
  - These tags don't display anything by themselves
  - Eg : `<div>`, `<span>`, `<form>`, `<section>` , `<nav>` ,`<header>` , `<footer>`

### List

Ordered List `<ol>`

Type : 1 / I / i / A / a

Default : 1

Reversed

Start : ""

Unordered List `<ul>`

Type : Disc / Square / Circle / None

Default : Disc

Description List `<dl>`

`<dl>`

`<dt></dt>`

`<dd></dd>`

`</dl>`

*description title*

*description data .*

`<a>` : Anchor Tag

Attributes :

1. href : url that you wanna visit
2. Target :
  - a. Default : `_self` (opens the link in the same window)
  - b. `_blank` (open the link in a separate window )