

HTML ASSIGNMENT

Are the HTML tags and elements the same thing?

no html tags and element the same thing. html tags are just instruction for their tag. **Tags off reveal that identity.**

but html element are the combination of those instructions along with the content they affect. so there are no exactly the same, but they work together same.

for example:

tag - p , input , h1 to h6 , div , span ,

element - <p class = "container-1"> lorem ipsum</p>

What are tags and attributes in HTML?

attributes provides additional information about html element. they are added to the opening tag off an element and consist of a name and a value separated by an equal sign

for example :

attributes <input value = " " name = " " type = " " >

What are void elements in HTML? With Example

void element also know as a self closing or empty element. void element that do not have a closing tag because they do not contain any content.

for example : - img , br , hr , input

What are HTML Entities? With Example.

HTML entities are special codes used to represent characters that have special meaning in html , and special character like accented letters , symbols , and emojis.

HTML entities begin with an ampersand &

for example -

1. `<`;
2. `>`;
3. `&`;
4. `"`;

What are different types of lists in HTML? With Example.

here are main three different types of list in html.

1.ordered Lists

```
<ol>
<li>1</li>
<li>2</li>
<li>3</li>
</ol>
```

2. unordered list

```
<ul>
<li></li>
<li></li>
<li></li>
</ul>
```

3. Definition Lists

```
<dl>
<dt>html </dt>
<dd>hyper text markup language</dd>
<dt>css</dt>
<dd>cascading Style Sheets</dd>
</dl>
```

What is the 'class' attribute in HTML? With Example

class attributes in html used to apply styles and behaviors to multiple element without having to repeat the same attributes or value in each element.

form example : -

```
.container{  
color = "red"  
}
```

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

The `id` attribute is used to uniquely identify an HTML element within a document. Each `id` value must be unique within the document,

```
<p id = "test"> lorem .....</p>
```

The `class` attribute is used to apply one or more CSS classes to an HTML element

```
<p class = "demo"> lorem .....</p>
```

What are the various formatting tags in HTML?

In HTML, formatting tags are used to apply various styles and formatting to text and elements on a web page.

here are some tags

u , sup , b , i , mark , pre

How is Cell Padding different from Cell Spacing? With Example

Cell padding and cell spacing are both attributes used in HTML tables to control the spacing and alignment of content within table cells

```
<table cellpadding="10">  
<tr>  
<td>one</td>  
<td>two</td>  
</tr>  
<tr>  
<td>three</td>  
<td>four</td>
```

```
</tr>
</table>
```

- Cell spacing determines the space between adjacent cells in a table.

```
<table cellspacing="5">
<tr>
<td>one</td>
<td>two</td>
</tr>
<tr>
<td>three</td>
<td>five</td>
</tr>
</table>
```

```
<table cellspacing="5">
<tr>
<td>one</td>
<td>two</td>
</tr>
<tr>
<td>three</td>
<td>five</td>
</tr>
</table>
```

How can we club two or more rows or columns into a single row or column in an HTML table.

i can merge multiple rows or column in a table using the "rowsoan" and "columnspan" attributes resperctively. these both attributes allow to span a cell across multiple rows or column.

```

<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1">
  <title>Document</title>
  <style>
    table , tr, th , td{
      border: 1px solid black;
    }
  </style>
</head>
<body>
  <table>
    <tr>
      <th colspan="2">NAME</th>
      <th rowspan="2">ROLL NO</th>
      <th>phone</th>
    </tr>
    <tr>
      <td>krishna vishwakarma</td>
      <td>madhava </td>
      <td>12451248565 </td>
    </tr>
    <tr>
      <td>krishna vishwakarma</td>
      <td>madhava </td>
      <td>12451248565 </td>
    </tr>
  </table>
</body>
</html>

```

What is the difference between a block-level element and an inline element?

- Block-level elements are elements that typically start on a new line and occupy the full width available to them.

for example

div , p , h1 ,

- Inline elements are elements that do not start on a new line and only occupy the space necessary for their content.

for example

i , a , img

How to create a Hyperlink in HTML? With Example

Hyperlinks are used to link to other web pages, files, or specific locations within the same page.

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1">
  <title>Document</title>
</head>
<body>
  <a href="https://www.google.co.in/">GO TO THE GOOGLE </a>
</body>
</html>
```

What is the use of an iframe tag? With Example.

(inline frame) tag in HTML is used to embed another HTML document within the current document. It allows you to display content from another webpage or external source within your own webpage.

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1">
  <title>Document</title>
</head>
<body>
  <iframe width="560" height="315" src="https://www.youtube.com/watch?v=560315">
</body>
</html>
```

What is the use of a span tag? Explain with example?

the span tag is inline element tag. The span tag is an inline container used to mark up a part of a text, or a part of a document.

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1">
  <title>Document</title>
  <style>
    span{
      border: 2px solid black;
      background-color: antiquewhite;
    }
  </style>
</head>
<body>
```

```
<span>Lorem ipsum dolor sit amet consectetur adipisicing el:  
</body>  
</html>
```

How to insert a picture into a background image of a web page? With Example.

```
<!DOCTYPE html>  
<html lang="en">  
<head>  
  <meta charset="UTF-8">  
  <meta name="viewport" content="width=device-width, initial-:  
  <title>Document</title>  
  <style>  
    .container{  
      background-image: url(image.jpg);  
      position: relative;  
      text-align: center;  
      color: white;  
    }  
    .inner-box{  
      position: absolute;  
      top: 50%;  
      left: 50%;  
      transform: translate(-50%, -50%);  
    }  
  </style>  
</head>  
<body>  
  <div class="container">  
    <div class="inner-box">  
      CENTER  
    </div>  
  </div>
```



```
</body>
</html>
```

What are the different tags to separate sections of text

there are several tags you can use to separate sections of text or to structure your content appropriately.

Paragraph

```
<p>normal paragraf/p>
```

Heading

```
<h1>heading is just heading</h1>
```

What is SVG?

SVG is Scalable Vector Graphics. . It is an XML-based vector image format for two-dimensional graphics with support for interactivity and animation.

```
<svg xmlns="http://www.w3.org/2000/svg" x="0px" y="0px" width="48"
height="48" viewBox="0 0 172 172" style=" fill:#26e07f;"><g fill="none" fill-
rule="nonzero" stroke="none" stroke-width="1" stroke-linecap="butt" stroke-
linejoin="miter" stroke-miterlimit="10" stroke-dasharray="" stroke-dashoffset="0"
font-family="none" font-weight="none" font-size="none" text-anchor="none"
style="mix-blend-mode: normal"><path d="M0,172v-172h172v172z" fill="none">
</path><g fill="#1fb141"><path d="M21.5,21.5v129h64.5v-32.25v-64.5v-
32.25zM86,53.75c0,17.7805 14.4695,32.25 32.25,32.25c17.7805,0 32.25,-14.4695
32.25,-32.25c0,-17.7805 -14.4695,-32.25 -32.25,-32.25c-17.7805,0
-32.25,14.4695 -32.25,32.25zM118.25,86c-17.7805,0 -32.25,14.4695
-32.25,32.25c0,17.7805 14.4695,32.25 32.25,32.25c17.7805,0 32.25,-14.4695
32.25,-32.25c0,-17.7805 -14.4695,-32.25 -32.25,-32.25z"></path></g></g>
</svg>
```

What is difference between HTML and XHTML

HTML is a more forgiving markup language with loose syntax rules, while XHTML is stricter and follows XML syntax rules.

HTML allows for unclosed elements, case-insensitive tags, and flexible document structure. In contrast, XHTML requires properly nested and closed elements, lowercase tags, and well-defined document structure

What are logical and physical tags in HTML?

logical tag

header , navbar , aside , section , article , main , p

physical tags

ui , i , li ,