

HTML TAGS

Paragraph Tag

A paragraph is a group of sentences which starts with a new line.

In Para we have spaces, line breaks. Pre element and horizontal rules.

Example:-

```
<p>This is a paragraph.</p>
```

```
<p>This is some text.</p>
```

Horizontal Rules

The `<hr>` tag in html Stands for horizontal rule.

We use `<hr>` tag for separating different topics on a page and it is an empty tag , doesn't require end tag.

Syntax

```
<hr>...
```

Lines Breaks

The `
` tag defines a line break.

If you want to start a new line, you need to insert a line break.

It is an empty tag, doesn't require end tag.

Syntax

`
...`

Spaces

It is nothing but in html we can't add extra lines or spaces, it will remove automatically extra lines & spaces.

Pre-element

The `<pre>` tag determines preformatted text.

The `<pre>` displayed in a fixed width font and the text preserves both spaces and line breaks.

The `<pre>` tag requires a starting and end tag.

Syntax

`<pre> subject...</pre>`

HTML IMAGES

The `` tag is used for attaching an image in an HTML page or add the images in web page.

There are 2 ways to insert the images into a webpage by providing the url or location of the current web page.

It has two required attributes:

- src
- alt

Syntax

```

```

Src Attribute

It is used to specify the path (url) of the image.

Example:

```
<img src= "img_animals.jpeg" alt="dogs">
```

Alt Attribute

It provides an alternate text for an image.

Example:

```
<img src= "img_animals.jpeg" alt= "dogs">
```

Image size and width

It is used to specify the width and height of an image.

Example:

```
<img src= "img_food.jpeg" alt= "dosas" width= "300px"
```

HTML Headings

The HTML heading tags(<h1> to <h6>) are used to add headings to webpage.

Where,

h1 is the first and main heading

h2,h3,h4 and h5 is the subheading

h6 is the last heading

Example:

```
<h1>Why</h1>
```

```
<h2>should</h2>
```

```
<h3>children </h1>
```

```
<h4>learn</h2>
```

```
<h5>the</h1>  
<h6>alphabets</h2>
```

Output:

Why
should
children
learn
the
alphabets

HTML Template

The `<template>` tag in HTML is used to store the html content which is invisible to the user.

Later this content inside the `<template>` can be founds by using Javascript

Syntax

```
<template> subject... </template>
```

ANCHER TAG

The **Anchor Tag** `<a>` is used to create a hyperlink on a webpage.

The important attribute to this Ancher tag is “href” because this links the destination’s.

If there is no href it will consider as a placeholder

SYNTAX

` Link Name `

Links in browsers usually follow these conventions:

- **Unvisited links:** Underlined and blue.
- **Visited links:** Underlined and purple.
- **Active links:** Underlined and red.

FORM TAG

The HTML `<form>` tag is used for creating a form for user input.

Forms are used to pass user-data to a specified URL.

A form can contain text fields, checkboxes and etc....

SYNTAX

`<form> Form Content... </form>`

The Form element can contain one or more of the following form elements:

- `<input>`
- `<textarea>`
- `<button>`
- `<select>`
- `<option>`
- `<optgroup>`
- `<fieldset>`
- `<label>`
- `<output>`

IFRAME TAG

An HTML iframe is used to display a web page within a web page.

The Iframe tag specifies an inline frame. An inline frame is used to attach other document within the current HTML document.

SYNTAX

```
<iframe src="url" ></iframe>
```

LIST TAG

The tag in HTML is used to define the list of items in an HTML document.

It is used within An ordered list or unordered list .

It contains the list items element

There are two types of list ,that is

1.ORDERED LIST

2.UNORDERED LIST

SYNTAX

```
<li> List Items </li>
```

TABLE TAG

The HTML tables allow web authors to arrange data like text, images, links, other tables, etc. into rows and columns of cells.

The HTML tables are created using the <table> tag in which the <tr> tag is used to create table rows and <td> tag is used to create data cells. The elements under <td> are regular and left aligned by default.

SYNTAX

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

Table can be defined using <th> tag, <td> and <tr>.

Where,

- th stands for table header

- td stands for table data
- tr stands for table row

VIDEO TAGS Inline and Block Tag

The HTML Video element is used to show a video on a web page.

It allows the addition of video files in many formats such as MP4, WebM, etc.

SYNTAX

```
<video src="" controls> </video>
```

Inline and Block Tag

Inline elements are used within block-level elements to style or format specific parts of the content.

Syntax:

```
<div></div>
```


