

ATTRIBUTES

Attributes defines the properties of HTML Element. Attributes provides additional functionality to HTML elements. Attributes are always written in opening tags.

Types of Attributes

- 1) Global Attributes
- 2) Local attributes.

Global Attributes

The attributes that can be used in all the available HTML tags.

- Ex:-
- 1) title - display title of HTML content
 - 2) style - It is style element
 - 3) ID & class → CSS designs.
 - 4) lang - decides lang in webpage

Local attribute

The attributes that can be used only in some specific tags.

img → width & height → of image

alt → Alternative text on image.

src - path of image.

href - URL path of anchor tag.

Semantic tags and Non Semantic tags
Semantic tags are the elements/tags which defines the content to display it on web page.
A Semantic tag clearly describes its meaning to both browser and developer.

Ex: `<form>`, `<table>`, ~~`<article>`~~
`<section>`, `<article>`, `<footer>`

Non-Semantic tags

Non Semantic tags are the elements/tags which do not define its content. These tags accepts any content rather than the specified one.

Non Semantic tags tells nothing about its content to the user or browser.
Ex: `<div>` & ``

Block level elements/tags

Block level elements or tags always starts on a new line, the browsers add some space before and after the tag. Block level elements which occupies the full width of web page. They will have default margins.

Ex:- `<p>` and `<div>`

`<p style="border: 2px solid black">Hello world </p>`
`<div style="border: 2px solid black">Hello world </div>`

INLINE LEVEL ELEMENTS

The Tags or Elements which occupies only the required width based on added content.

An inline level element does not start on a new line.

An inline element only takes up as much as necessary.

Ex:- ``, `<a>`, ``,

`Hello world`
``

HTML LISTS

HTML list allows the developers

to arrange a records of short pieces of information in list format.

There are ~~two~~ three different types of list :-

- 1) Ordered list & Nested ordered list
- 2) Unordered list & Nested unordered list
- 3) description or definition list.

⇒ ORDERED LIST

A ordered list starts with `` `` tag.

ol - ordered list

Each list starts with

li - list items

`` `` tags

The list items will be marked with default numbers.

Attributes

1. Reversed : It defines that the order will be descending.
2. Start : This attribute defines the starting position for the list items
3. type : It defines which type (1, A, a, i, I) of the order you want in your list (numeric, alphabetic, roman numbers)

< Head >

< title > HTML Ordered list < title >

</Head >

<Body>

< h1 > reversed attribute </H1>

<OL reversed>

 HTML

 CSS

 JavaScript

< h1 > Start attribute </H1>

<OL Start = "5" >

 HTML

 ~~CSS~~

 Javascript

< h1 > type attribute </H1>

<OL type = "i" >

 HTML

 CSS

 JS

</Body>

UNORDERED LIST

An unordered list starts with `` tag. Each list item starts with `` tag. These list will be marked with bullets, i.e. small black circles by default.
UL = Unordered list Li - list item

Attributes used

1) Type: This attribute specifies type of bullets used like

- 1) disc - •
- 2) circle - ○
- 3) Square - □
- 4) none - none

`<Head>`
`<Title> HTML UNORDERED LIST </Title>`
`</Head>`

`<Body>`
`<UL type = "disc">`
` pink `
` Blue `
` white `
` Black `
``
`</Body>`

`<Body>`
`<UL type = "circle">`
` pink `
` Blue `
` white `
` Black `
``

`<Body>`
`<UL type = "Square">`
` pink `
` Blue `
` white `
``

Nested UNORDERED LIST / Nested ordered list

Nested unordered list are the list inside another list.

<H1> Nested list </H1>

 Java

 opps

 collection

 Methods

 Multi threading

 web technology

 HTML

 CSS

 Java script

 Bootstrap

 Advance java

 Springs

 framework

 Hybernate

 Rest API

Description list or definition list

A description list is used to list the items along with their description of each item. It is used to arrange the items with their details related to it.

To create description list we use

`<dl>` `</dl>` description tag.

`<dt>` `</dt>` this tag is used to create description title in webpage.

`<dd>` `</dd>` this tag is used to create description data in webpage.

`<body>`

`<dl>`

`<dt>` Tea `</dt>`

`<dd>` Green tea `</dd>`

`<dd>` Ginger tea `</dd>`

`<dd>` black tea `</dd>`

`<dd>` lime tea `</dd>`

`</dl>`

`<dl>`

`<dt>` lotus `</dt>`

`<dd>`

- content -

`</dd>`

`</dl>`