

HTML Attributes

- All HTML elements can have **attributes**
- Attributes provide **additional information** about an element
- Attributes are always specified in **the start tag**
- Attributes usually come in name/value pairs like: **name="value"**

Example

`This is a link`

``

``

`<p style="color:red">This is red apple</p>`

Some Usable HTML Attribute

Below is an alphabetical list of some attributes often used in HTML, which you will learn more about in this tutorial:

Attribute	Description
alt	Specifies an alternative text for an image, when the image cannot be displayed
disabled	Specifies that an input element should be disabled
href	Specifies the URL (web address) for a link
id	Specifies a unique id for an element
src	Specifies the URL (web address) for an image
style	Specifies an inline CSS style for an element
title	Specifies extra information about an element (displayed as a tool tip)

HTML Links - Hyperlinks

- ✓ HTML links are hyperlinks.
- ✓ You can click on a link and jump to another document.
- ✓ When you move the mouse over a link, the mouse arrow will turn into a little hand.

HTML Links - Syntax

In HTML, links are defined with the `<a>` tag:

```
<a href="url">link text</a>
```

Example

```
<a href="https://www.itmsofts.com/">Visit our HTML tutorial</a>
```

The HTML Style Attribute

Setting the style of an HTML element, can be done with the `style` attribute. The HTML `style` attribute has the following **syntax**:

```
<tagname style="property:value;">
```

Example

```
<body style="background-color:powderblue;">  
<h1>This is a heading</h1>  
<p>This is a paragraph.</p> </body>
```

Chapter Summary

- Use the **style** attribute for styling HTML elements
- Use **background-color** for background color
- Use **color** for text colors
- Use **font-family** for text fonts
- Use **font-size** for text sizes
- Use **text-align** for text alignment

HTML List

- Unordered HTML List (ul)
- Ordered HTML List (ol)

Unordered HTML List.....

Example ..

```
<ul>
  <li>Coffee</li>
  <li>Tea</li>
  <li>Milk</li>
</ul>
```

Unordered HTML List - Choose List Item Marker

The CSS `list-style-type` property is used to define the style of the list item marker:

Value	Description
disc	Sets the list item marker to a bullet (default)
circle	Sets the list item marker to a circle
square	Sets the list item marker to a square
none	The list items will not be marked

Example - Disc

```
<ul style="list-style-type:disc">
  <li>Coffee</li>
  <li>Tea</li>
  <li>Milk</li>
</ul>
```

Example - Square

```
<ul style="list-style-type:square">
  <li>Coffee</li>
  <li>Tea</li>
  <li>Milk</li>
</ul>
```

Ordered HTML List

An ordered list starts with the `` tag. Each list item starts with the `` tag. The list items will be marked with numbers by default:

Example...

```
<ol>
<li>Coffee</li>
<li>Tea</li>
<li>Milk</li>

</ol>
```

Ordered HTML List - The Type Attribute

The `type` attribute of the `` tag, defines the type of the list item marker:

Type	Description
<code>type="1"</code>	The list items will be numbered with numbers (default)
<code>type="A"</code>	The list items will be numbered with uppercase letters
<code>type="a"</code>	The list items will be numbered with lowercase letters
<code>type="I"</code>	The list items will be numbered with uppercase roman numbers
<code>type="i"</code>	The list items will be numbered with lowercase roman numbers

Example As Numbers:

```
<ol type="1">
<li>Coffee</li>
<li>Tea</li>
<li>Milk</li> </ol>
```

Uppercase Letters:

```
<ol type="A">
<li>Coffee</li>
<li>Tea</li>
<li>Milk</li>

</ol>
```



HTML Description Lists

HTML also supports description lists.

A description list is a list of terms, with a description of each term.

The `<dl>` tag defines the description list, the `<dt>` tag defines the term (name), and the `<dd>` tag describes each term:

Example

```
<dl>
  <dt>Coffee</dt>
  <dd>- black hot drink</dd>
  <dt>Milk</dt>
  <dd>- white cold drink</dd> </dl>
```

Nested HTML Lists

List can be nested (lists inside lists):

Example..

```
<ul>
  <li>Coffee</li>
  <li>Tea
    <ul>
      <li>Black tea</li>
      <li>Green tea</li>
    </ul>
  </li>
  <li>Milk</li>
</ul>
```