Links & List

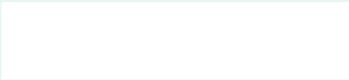HTML LINKS AND LISTS

HTML – Links

- A link is a **connection** from one web resource to another.

- A link has two ends,
    - Source
    - Destination.

- The link starts at the "source" anchor and points to the "destination" anchor,

- The destination may be any Web resource such as an image, a video clip, a sound bite, a program, an HTML document or an element within an HTML document.

HTML – Links

- A web page can contain various links that take you directly to other pages and even specific parts of a given page. These links are known as **hyperlinks**.

- Hyperlinks allow visitors to navigate between Web sites by clicking on words, phrases, and images.

- Thus you can create hyperlinks using text or images available on a webpage.

- In HTML, links are defined with the **<a>** tag.

`<a>`

HTML – Links

Syntax of **<a>** tag :

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

- **href** → specifies the destination address. = hyper refference

- **link text** → the visible part.

Clicking on the link text, will **send** you to the specified address.

Example:

angular Tab

`<a href="https://www.testbook.com/">Visit testbook.com!</a>`

attribute → url → visible part

HTML – Links

HTML Links – Colors

When you move the mouse over a link, two things will normally happen:

- The ==mouse== arrow will turn into a ==little hand==
- The ==color of the link element== will ==change==

By default, a link will appear like this (in all browsers):

- An ==unvisited== link is **underlined** and **blue**
- A ==visited== link is **underlined** and **purple** — *The moment – user – click on it*
- An ==active== link is **underlined** and **red** — *Active in running background*

Visit testbook.com!

Visit testbook.com!

Visit testbook.com!

HTML – Links

HTML Links - The target Attribute

The **target attribute** specifies where to open the linked document.

Target Value	Description
_blank	Opens the linked document in a new window or tab
_self	Opens the linked document in the same frame as it was clicked (this is default)
_parent	Opens the linked document in the parent frame
_top	Opens the linked document in the full body of the window
framename	Opens the linked document in a named frame

(handwritten annotations:) _self → space

(handwritten at bottom in red:) mmmm

(handwritten in blue:) Space   Link Text

HTML – List

- The list allows us to group the set of items.

- Types of list in HTML:
    - Unordered list.
    - Ordered list.
    - Description list. *New*

An Unordered List	Ordered List
.Item	1. First Item
.Item	2. Second Item
.Item	3. Third Item
.Item	4. Fourth Item
.Item	5. Fifth Item
.Item	6. Sixth Item

Unordered list

- The unordered list is a bulleted list.

- The unordered list starts with <ul> and ends with

- Each item is to be listed in <li> tag.

- Example:

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

default →

Bullets
- Coffee
- Tea
- Milk

Ordered list

- The ordered list can be either ==numerical order or alphabetical order.==

- The ordered list starts with <ol> and ends with

- Each item is to be listed in <li> tag.

- Type attribute has to be used to specify the order of the list.

- The type can be ==numericals, alphabets== in upper or lower case, and ==roman number==s in upper or lower case.

- The default value for type is 1, which denotes numericals.

Ordered list

Example:

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

default →

1. Coffee
2. Tea
3. Milk

→ Number

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

→

A. Coffee
B. Tea
C. Milk

`<ol type="A" start="5">`

C.
D.
E.

5.
6.
7.

`</ol>`

`<ol reversed>` → 3. Milk
2. Tea
1. Coffee

`</ol>`

type="none" → nothing
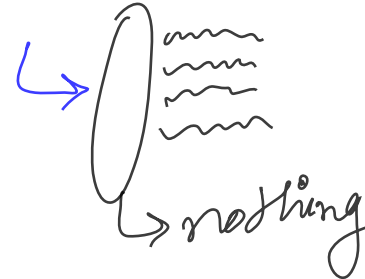
Descriptive list *dl*

- The descriptive list is used to provide description to the items listed.

- <dl></dl> tag defines the description list.
  - <dt> </dt> tag defines the items in the list.
    - <dd> </dd> tag defines the description of the tag.

- Example:

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

→ descriptive Text

define description

Coffee
    - black hot drink
Milk
    - white cold drink