

# Links and List in HTML

## Topics introduced:

- What is an HTML link?
- What is the syntax for including hyperlinks?
- How to differentiate visited and unvisited links?
- What is the target attribute?
- What are HTML Lists?
- Different types of HTML Lists?

## Topics in Detail:

### Links:

- A link is a **connection** from one web resource to another.
- A link need not be a text always, it can be an image or any other HTML elements.
- By using a link one can jump from the current web page to another web page.
- 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 Link Syntax:

- <a> tag defines hyperlink.
- Syntax:  
`<a href="url">link text</a>`
- where,  
**href** → specifies the destination address.  
**link text** → the visible part.
- Example:

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

### HTML Link 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, links will appear as follows in all browsers:

- An unvisited link is underlined and **blue**.

[Visit testbook.com!](https://www.testbook.com/)

- The visited link is underlined and purple.

Visit testbook.com!

- An active link is underlined and red.

Visit testbook.com!

### HTML Target attributes:

- By default, the linked page will be displayed in the current browser window. But this can be changed by specifying another target for the link.
- The target attribute specifies where to open the linked document.

Values of target attribute and description:

Value	Description
_self	Default. Opens the document in the same window/tab as it was clicked.
_blank	Open the document in a new window or tab.
_parent	Open the document in the parent frame.
_top	Open the document in the full body of the window.

### HTML List:

- The list allows us to group the set of items.
- Types of list in HTML:
  - Unordered list.
  - Ordered list.
  - Description list.

### Unordered list:

- The unordered list is a bulleted list.
- The unordered list starts with <ul> and ends with </ul>
- Each item is to be listed in <li> </li> tag.
- Example:

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

- 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 </ol>
- Each item is to be listed in <li> </li> tag.
- Type attribute has to be used to specify the order of the list.
- The type can be numerics, alphabets in upper or lower case, and roman numbers in upper or lower case.
- The default value for type is 1, which denotes numerics.
- Example:

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

1. Coffee
2. Tea
3. Milk

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

- A. Coffee
- B. Tea
- C. Milk

#### Descriptive list:

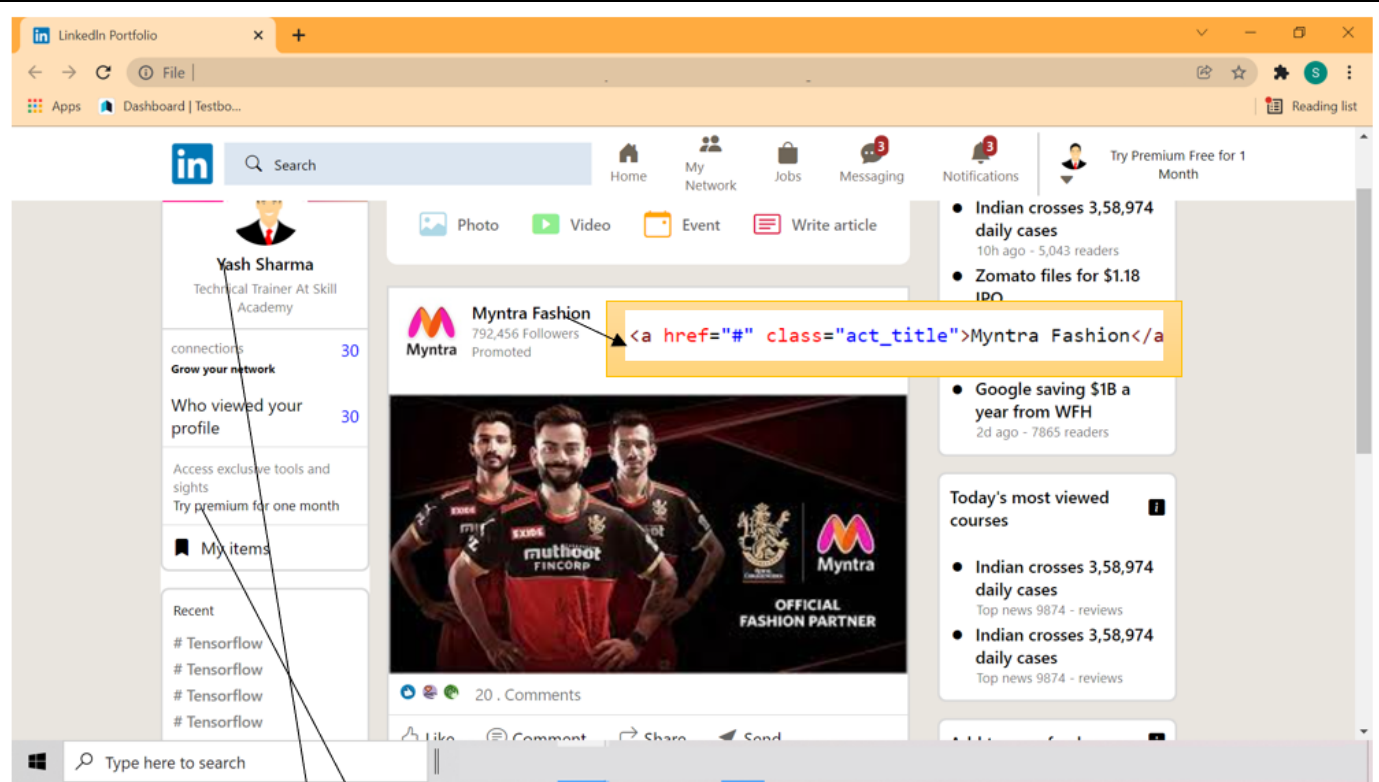
- The descriptive list is used to provide description to the items listed.
- <dl></dl> tag defines the description list.
  - <dt> </dt> tag defines the items in the list.
  - <dd> </dd> tag defines the description of the tag.
- Example:

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

Coffee	- black hot drink
Milk	- white cold drink

## Utility of topics learned in Static linkedin page project:

Links:



The screenshot shows a LinkedIn profile for Yash Sharma, Technical Trainer at Skill Academy. The profile has 30 connections and 30 people who viewed the profile. A yellow box highlights the HTML code for the 'Myntra Fashion' promoted post: `<a href="#" class="act_title">Myntra Fashion</a>`. Another yellow box highlights the HTML code for the 'Try premium for one month' link: `<a href="#"> Try premium for one month</a>`. A third yellow box highlights the HTML code for the 'Yash Sharma' name: `<a href="#" class="act_title">Yash Sharma </a>`. Arrows point from the 'Try premium for one month' link in the profile sidebar to the first code snippet, and from the 'Yash Sharma' name in the profile header to the third code snippet.

`<a href="#"> Try premium for one month</a>`

`<a href="#" class="act_title">Yash Sharma </a>`