

# 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.

### 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**.

- The visited link is underlined and purple.
- An active link is underlined and red.

### 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
<u>_self</u>	Default. Opens the document in the same window/tab as it was clicked.
<u>_blank</u>	Open the document in a new window or tab.
<u>_parent</u>	Open the document in the parent frame.
<u>_top</u>	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:

```

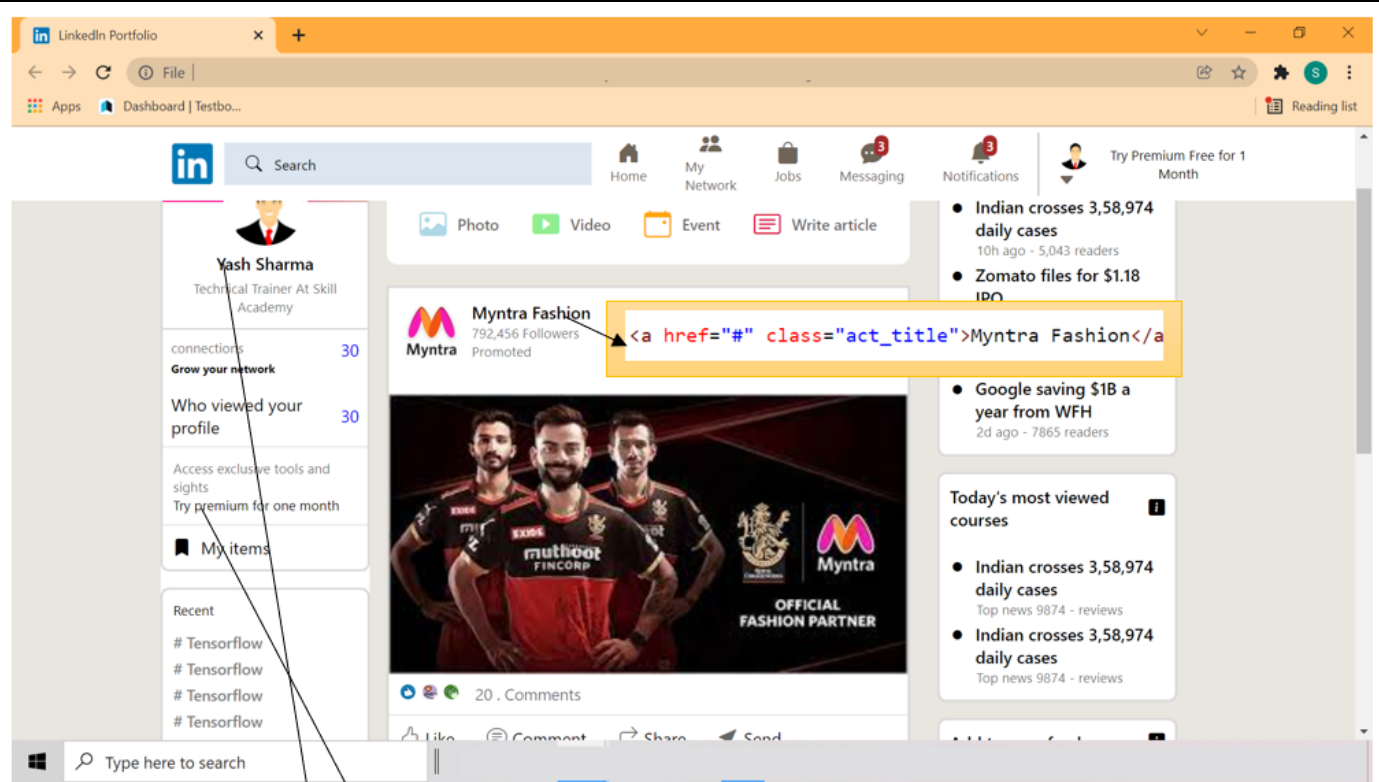
<dl>
  <dt>Coffee</dt>
  <dd>- black hot drink</dd>
  <dt>Milk</dt>
  <dd>- white cold drink</dd>
</dl>

```

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 in the left sidebar: `<a href="#" > Try premium for one month</a>`. A third yellow box highlights the HTML code for the 'Yash Sharma' name in the profile header: `<a href="#" class="act_title">Yash Sharma </a>`. Arrows point from the highlighted code to the corresponding elements on the profile page.

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

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