

Chapter 4 - Lists, tables & forms

Lists

Lists are used to display content which represents a list

Unordered list: used to list unordered items

```
<ul>
```

```
<li> Home </li>
```

```
<li> About </li>
```

```
⋮
```

```
</ul>
```

ordered list: used to list ordered items

```
<ol>
```

```
<li> Phone </li>
```

```
<li> PC </li>
```

```
<li> Laptop </li>
```

```
</ol>
```

Tables

The `<table>` tag is used to define tables in HTML. It is used to format & display tabular data.

`tr` tag: used to display table row

`td` tag: used to display table data

`th` tag: used in place of table data for displaying table headers

We can define as many table rows as we want.

To add a caption to the table, we use `<caption>` tag inside table.

`thead` tag: used to wrap table head (caption & `tr` with `th`)
`tbody` tag: used to wrap the table body.

Colspan attribute

This attribute is used to create cells spanning multiple columns.

`<th colspan = "3"> Harry </th>`
 ↳ Spans 3 columns

HTML forms

An HTML form is used to collect input from the user
`form` tag is used for the same

`<form>`
 -- Element of the form --
`</form>`

There are different form elements for different kinds of user input

- `input` element: Can be of type text, checkbox, radio, button and submit. We also have a 'file' type
- `textarea` element: Defines a multi line text input. `cols` and `rows` attributes can be used to size the `textarea`.
- `select` element: Defines a drop down list

Note : you don't have to remember all the tags, you will automatically memorize them with practice

Embedding Videos

Video tag is used to play videos in HTML

```
<Video src = 'harry.mp4' > Error </video>
```

Attributes for video

We can use :

- Width : To adjust width of a video (Height automatically adjusts)
- We can use autoplay/loop to autoplay or loop the video.