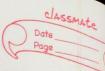# Chapter 4 - Lists, tables & forms

Live server add some js code.. to your html code.. so that it run more effeciently.

## Lists

Lists are used to display content which represents a list

**Unordered list:** Used to list unordered items

```
<ul>
    <li> Home </li>    type = "Square" or "circle"
    <li> About </li>   type is depricated. Use CSS for styling.
        :
    </ul>
```

**ordered list:** used to list ordered items

ol type is not depricated

```
<ol>
    <li> Phone </li>
    <li> Pc </li>
    <li> Laptop </li>
</ol>
```

## Tables

define table inside a container i.e -> <div> tag.

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

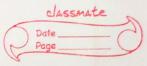th tag: used in place of table data for displaying table headers

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

    action = "form.php"  => Data of this form after submission goes to form.php

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

There are different form elements for different kinds of user input

    check radio button code.

↗ input element : Can be of type text, checkbox, radio, button and submit. We also have a 'file' type

placeholder shows the background of html text box;; type = "text"

↗ textarea element : Defines a multi line text input. Cols and rows attributes can be used to size the textarea.

                    input : checkbox =>Shortcut

↗ select element : Defines a drop down list

Note : you dont 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 vido (Height automatically adjusts)
↱ We can use autoplay/loop to autoplay or loop the video.