

# Lecture - 2

(Start at 07:06 AM).

## Agenda :

- 1) HTML List (ordered, unordered ...)
- 2) HTML Forms & attributes
- 3) HTML Tables

### ① Lists :

• Collection of items / doebles.

- make a tea.

→ ORDERED



- ① Take half cup of water
- ② Boil water
- ③ Add ginger, etc.
- ④ Add tea leaves
- ⑤ Add half cup milk
- ⑥ Sugar
- ⑦ Boil
- ⑧ Ready.

• grocery shopping

→ UNORDERED

- veggies .
- bread
- butter .
- milk .

## 2 types of lists

### ① Unordered Lists $\langle ul \rangle$

- Display a list with shapes/symbols.

### ② Ordered Lists $\langle ol \rangle$

- Display list in a sequence.
- numbered.

○  $\langle li \rangle$  [List item]

↳ denote item in the list.  
↳ both ol & ul.

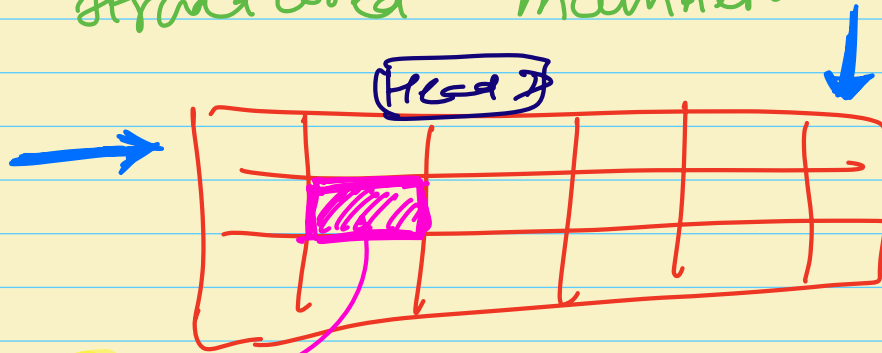
#

# HTML Tables

② —

- organize & display data in a structured manner.

Row



Column

Cell

(consists of data)

## Tags for table :

- ① `<table>` → beginning of table.
- ② `<tr>` → table row
- ③ `<td>` → table data
- ④ (a) `<thead>` → (Group header content) in a table.  
(b) `<th>`

Contains one or more <sup>^</sup>  
`<tr>`

`<th>`

(5) `<tbody>` → group body content  
of table.

(6) `<caption>` - title/caption for the table.  
- immediate  
placed after `<table>` tag.

# HTML FORMS :

- Collect information

(HTML)  
↓

⇒ (Collects user input on a web page)

→ Collect data from the user.

HTML forms

form related tags

Input elements

# tags useful for making form :

①

**<form>** → marks beginning of form  
→ inside this tag, all form elements are present

②

\*\*\*

**<input>**

↳ Create various types of form input fields.

(type attribute)

↳ Specify type of input.

text	— Single line text input
password	— ****
email	— email (@)
radio	— Only option from group
number	— Numerics allowed
date	— Calendar.
button	— Generic button
tel	— telephone.
file	— Upload file
Submit	— Submit button to
checkbox	— send form data.
	↳ multi select option in the group.

### 3) `<label>` for attribute

- to make form more accessible & user friendly
- 'for' attribute in `<label>` should match 'id' of the form element.

### 4) `<select>`

- └ Dropdown list
- └ Contains `<option>` tag.

### 5) `<option>`

- └ denotes each option in the dropdown

### 6) `<button>`

- Used across HTML / web.
- In form  $\Rightarrow$  mostly to submit the form.