

Lecture : HTML

Hyper Text markup language

`<!DOCTYPE html>` ← using html 5
(tells which version of html used to write web page)

`<html>` ← start of html content

`<head>`
meta data here
info about page but not appearing in main content

`<title> My Title </title>` ← header

`</head>`

`<body>`
Content goes here

`</body>`

`</html>` ← end of html content

Headlines

`<h1>` BIGGEST HEADLINE `</h1>`

`<h2>` big headline `</h2>`

⋮

`<h6>` smallest headline `</h6>`

Lists

unordered list

 List item

list item

list item

ordered list

 List item

list item

Image

or
"file url"

<img src = "file url" height = "200"
width = "300" >



can also width = "50%"

↑
50% A width A
web page

Table

<table>

<tr> table row

<th> header 1

</th> table header

<th> header 2

</th>

</tr>

<tr>

<td> Data 1 </td>

table data

<td> Data 2 </td>

</tr>

</table>

header 1	header 2
Data 1	Data 2

Form

<form>

<input type="text" placeholder="Full Name" name="name">

<button> Submit! </button>

</form>

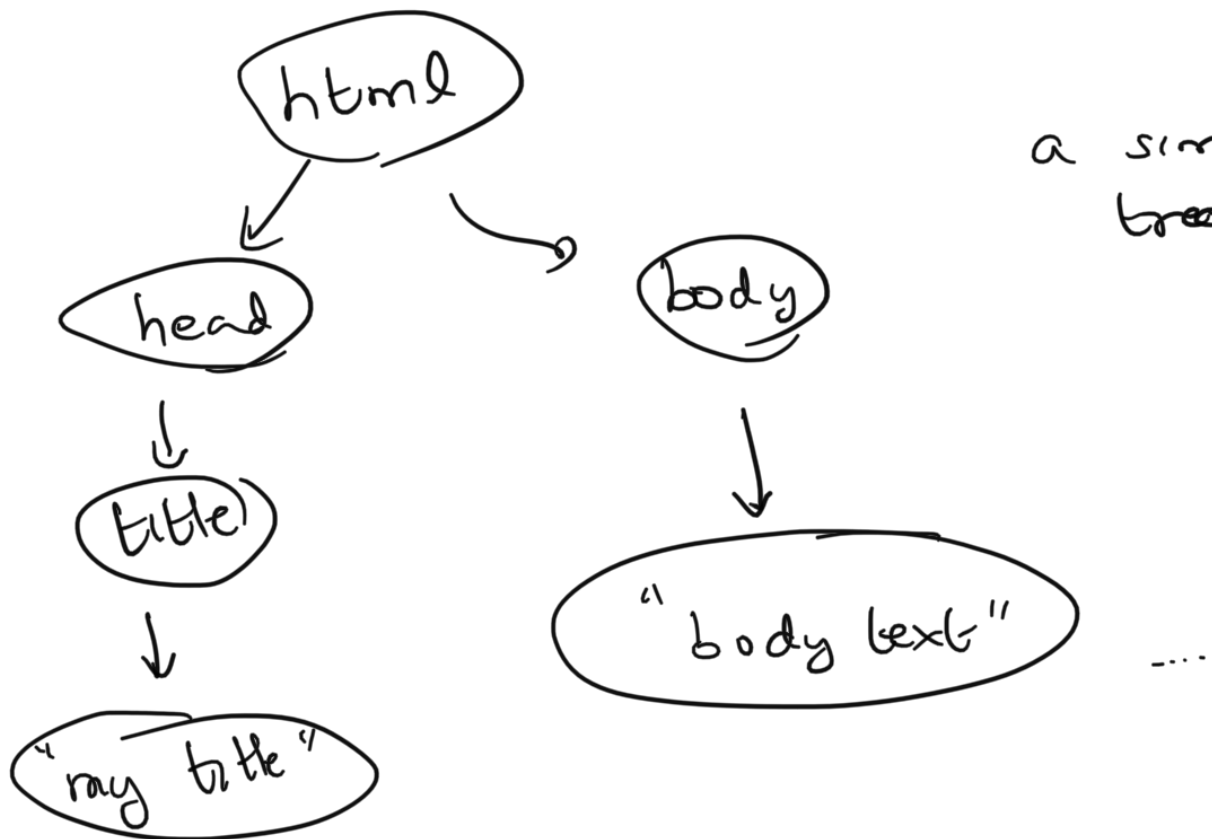
Full Name

place holder for text box.

Submit!

Document object model

[HTML tree]



DIV

<div>

</div>

(v6) [↑] division of your code

<div id = "top"> identifies this div uniquely
</div>

Span

many elements in class "name"

links

Link
 Click here

links to different part of same page.

<h2 id = "section 2"> Heading-mine </h2>

link to id
↓
 Link text

Organization

HTML 4

generic vertical of section website
↓
<div class = "header">
 <div class = "nav"> navigation bar
 <div class = "section">
 <div class = "footer">
 ⋮

HTML 5

<header>

<nav>

<section>

<footer>

<audio>

} have become tags!

<video>

<datalist>

↓

<form>

<div>

<input name = "name" type = "text" placeholder = "Name"

<input name = "password" type = "password" placeholder = "Password"

</div>

Name

Password

name of input field

name of input field

if you type, it

will show *

instead of letter/
numeral.

Radio button
Fav colour ?

<div>

<input name = "color" type = "radio" value = "red" > Red

<input name = "color" type = "radio" value = "blue" > Blue

</div>

Fav colour ?

☐ Red

☐ Blue

<div>

<input name = "country" list = "countries"

placeholder = "Country">

<datalist id = "countries">

<option value = "India">

<option value = "USA">

<option value = "S. Korea">

<option value = "Germany">

</datalist>

Country



If you start typing I... will auto complete to India from list.