635

JS

structure/ style Layout

Logie

Ex: Walls, doors

Ex. Paint and decor

Ex: Electricity to make things work like fan and 19ght.

(HTML

Hyper text Markup Language

HTML is the code that is used to structure a webpage and its content

The component used to design the structure of websites are called HTML tags

First HTML File

index.html

It is the default name for a website's homepage.

HTML Tag

A container for some content or other Himz tags

< This is a paragraph </p> content

Element

Basic HTML Page

C! DOCTYPE Hemls tells browser you are using HTMLS root of an html document container for meta data cheads

Cheads

Little> My First page < / Hitle> page title

clhead>

contains all data rendered by browse

<1body>

</html>

quick points

- -> Html tag is parent of head & body tag
- -> Most of html Elements have opening & closing tags with content in between
- -> some tags have no content in between, eg-

- -> we can use inspect element/view page source to edit html

comments 9n HTML This is part of code that should not be parsed <!-- This is on HTML comment --> HTML is not case sensitive entmi> = < HTML> cheads = <HEADS <body> = <BODY> HTML Attributes Attributes are used to add more information to the tag chtml lang = "en">

Language
Attribute

Heading Tag used to display heading in HTML h1 cmost important) h2

h3

(least important)

Anchor Tag
used to add 19nks to your page

 Google

Br Tag
used to add next I'me (I'me breaks) to your page.

<br

Bold, Italic & underline Tags
used to hightPght text in your page.

<>>> Bold <1b>
</>

<i>>> italic <1i>>

<u>> underline <1u>>

Big & small Tags
used to display big & small text on your page.

269 Big text 269 >

25mall > Small text 2 | Small >

Hr Tags
used to display a horizontal ruler, used to
separate content.

subscript & superscript Tag
used to display a text slightly below or slightly
above the normal line of text in Himl

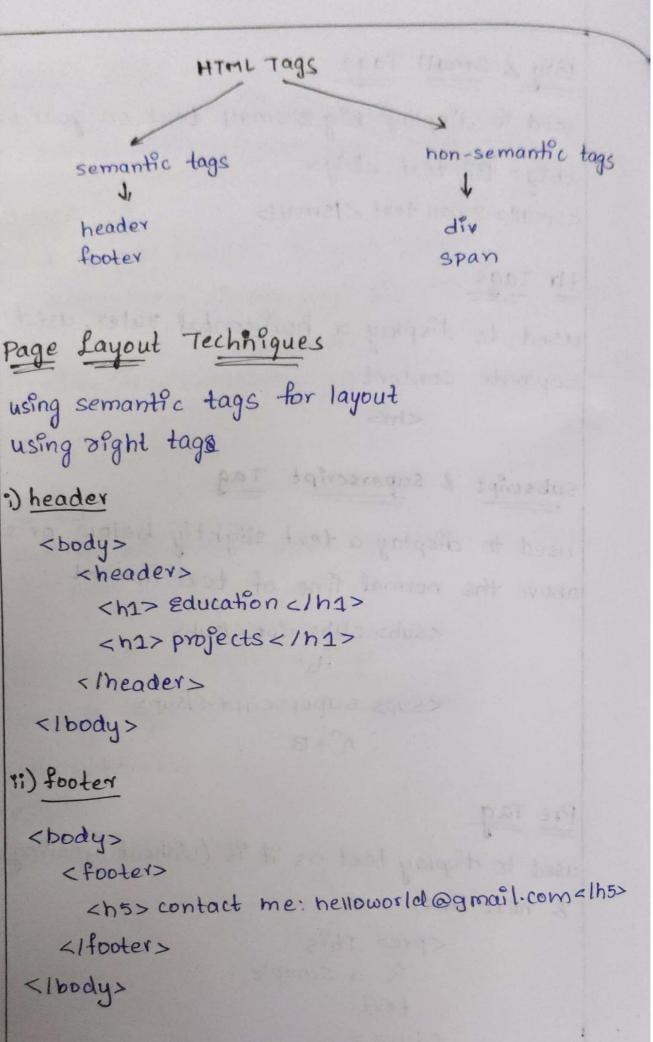
 Subscript < Isubs
 H20
 Sups superscript < Isups
 An + B

Pre Tag

used to display text as it is (without ignoring spaces

8 next line)

This
 is a sample
 text.



```
mi) main
 <body>
    < mains
   2/moins
 <body>
Inside Main Tag
section Tag
For a section on your page
      Lsection>
Ex:
<body>
    < main >
       <section> Education: B.tech (Aurora university)
           </ri>
      <section> percentage: B. tech (90 points)
               Lisections
   < Imain>
<1body>
```

123

<body>
<main>
<article> my story: <larticle>
</main>

<pre

Aside Tag

For content a side main content (ads)

Caside>

Ex:

Revisiting Anchor Tag

zahref = "https://google.com" target = main > Google 2/av for new tab

Z ahref = "https://google.com"> < img src = "link >
Clickable pic

Revisiting I mage Tag

Zimg src = "link" height = 50px>

set height

Zing src="link" width= 50px>

T

set width

```
Div Tag
Div is a container used for other HTML Elements
Block Element (takes full width)
Ex:
 <body>
 < mains
      <div>
         <P> Hello World <IP>
         LP> Namaste LIP>
         LP> Hi < IP>
     </div>
      <div>
        CP> Bye CIP>
        <P>> Good Bye <IP>
      </div>
  </main>
```

< 1body >

Ust: Block Tags

| zaddress> | < fieldsets | < nav> |
|---------------------|------------------|---------------------|
| <article></article> | < Pig captions | < noscripts |
| caside> | < figures | <01> |
| < block quote> | < footers | < P> |
| < canvos> | <form></form> | <pre></pre> |
| <dd>></dd> | < h1>- <h6></h6> | <section></section> |
| < div> | < header> | < tables |
| <de></de> | < hu> | < tfoots |
| Ldt> | <19> | |
| <main></main> | <video></video> | |
| | | |

Span Tag

span is also a container used for other HTML elements

List: inline Tags		
	cems.	497
<abbr></abbr>	<1>	2 samp>
<acronym></acronym>	<pre><pre><pre><pre><pre></pre></pre></pre></pre></pre>	¿script>
< 6>	<pre><faput></faput></pre>	Lselect>
<bdo></bdo>	Kbds	zsma11>
 	<1abel>	L Spans
7b/>	cmap>	
Southons	(object>	
	<tt></tt>	
<cîte></cîte>	<vay></vay>	< tentaveas
< code>	<output></output>	< time>
<dfn></dfn>		
list in HTMI	-	19.1
ieds are used -	to represent s	real life list data.
LISTS CITY		> Stamped
K	Attor meets &	ordered
unordered	Ž	
<u1></u1>		
<1i>> Apple	all's	<pre></pre> <pre><pre></pre> <pre><pre>Apple Lli></pre></pre></pre>
<11°>Banar	na 211°>	<112 Banana 4/112
		<101>
1		1
		1. I. a.
		2. II. b.
		З. Ш. с.
		4. I. d.

```
Tables in HTML Tables are used
```

tables are used to represent real life table data.

SHOT OF PETER & ROOM

phod + & brods

used to display table row.

Letd's used to display table data.

used to display table header

ex:

<4x>

> Name < 1th>

> ROLL NO <1th>>

<1tr>

siddhartha < 1th>

> 1664 <1th>>

<1tr>

< !table>

Name	ROLL NO	
siddhartha	1664	

caption in Tables

<apprior> Student Data </apprior>

Student Data		
Name	ROII NO	
Staboutha	1664.	

thead & thody in Tables <thead> to wrap table head to wrap table body

thead & + body

< thead> «caption» student Data «Icaption»

(tr>

>

Names

<1th>

<+A>> ROIINO

<1th>

< 1thead>

< +body >

G.s. ddhartha < 1tds (

SHAPIA

thead

toody

> 1664 < 1td>

CHOWLE / HODY >

colspan colspan is used to join two or more columns into one cell in table Example: < theads < caption > student Data < 1 caption > INFORMATION <1tr> <1thead > fuguet : from a a root siddhartha< 1td> <1tr> 4td> 1664 < 1td> <1tv> <1+body> < ltable> Student Data.

INFORM	MOITA
Siddhartha	1664

Form in HTML

Forms are used to collect data from the user eg- sign up/login | nelp requests | contact me

<form> form content < 1 form>

Action in Form

Action attribute is used to define what action need to be performed when a form is submitted < form action = "laction. php">

Form Element: Input

<"nput type = "text" placeholder = "Enter Name">

Enter Name

Example.

< form action = "laction.php"> <input type='text' placeholder="username's</pre> < "nput type = "password" place holder = "password" < I form >

username

Password

fabe!

elabel for="200"s Lanput type = "radio" value = "class x" name = "class "d=" 100" > class x

ZIlabels

clabel for = "101">

Linput type = "radio value =" class x1" name="class "d="202"> class x1

clabe 1>

O class x O class x1

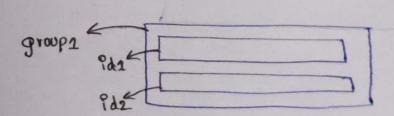
class & Id

< div id = "Pd1" class = "groups">

< ldiv >

< div id = "id2" class = group4">

cldiv>



checkbox

</label>

clabel for = "physics">

cinput type="checkbox" value = "physics" name="subject"

id="102" > Physics

allaber>

mathematics mphysics

TextArea

<textarea name="feedback" id="101"

Placeholder="please give your feedback">
Feedback <1textarea>

please give your feedback.

select

coelect name="city id="city">

Loption value = "belhi"> Delhi < loption>

Loption value = "Hyd"> Hyderabad < loption>

Loption value = "mumbai"> Mumbai < loption>

Loption value = "mumbai"> Mumbai < loption>

Liselect>

Delhi VI

submit button

cinput type="submit" Pd="submit >

(Submit)

iframe Tag
Website inside Website
<iframe Src="link">

video Tag

< video Src = "myvid.mp4" > my video < Ivideo >

Attributes

height «video src="llink" height="100"> my video <1 video> Width

< video src = "llink" Width = "100"> My video < Nideo >

autoplay

zvideo src = "link" autoplay > my video 21 video >