

→ used to create website, language of web.

→ Tags are used to define look and feel of website

Filename - index.html extension ⇒ it is presented firstly when someone visits the website (created by server)

↓
special name

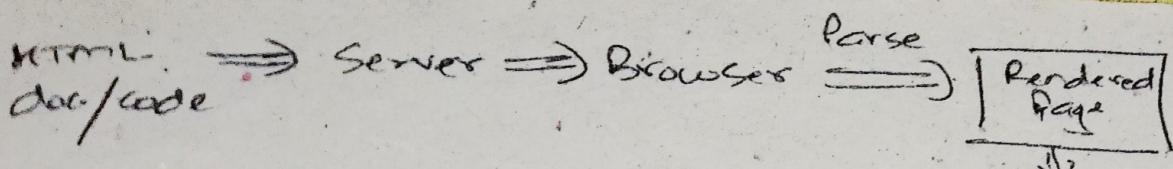
HTML PAGE

```

<!DOCTYPE html>    specifies this is an HTML5 doc.
<html>    root of HTML Page
<head>    contains page metadata (data within data)
            information about this page
<title> Ranit </title>
</head>
<body>    main body of the page
<h1> This is a heading </h1>    heading tag
<p> My paragraph </p>    Paragraph tag
</body>    closing body tag
</html>    " HTML "
  
```

HTML → Head tag } children
 ↓ Body tag } of HTML
 Parent of head & body tag
 Both are siblings

for dummy
 text in
 paragraph
 use
 <p> later 300 </p>
 300 words



* Note: .htm and .html both extensions can be used for html files.

The actual website that we look

Tag \rightarrow <h1> or </h1>

[Element] \rightarrow <h1> This is my heading </h1>
 Start tag + content + end tag

Comments

~~Content~~ text that should not be parsed [~~Comments~~ in code which should not be displayed on Website]

Syntax

<!-- HTML Comment -->

HTML ATTRIBUTES

Anchor Tag :- Click here
 to go to hotstar

href attribute

Single quote or double quote

in attribute

HEADING Tag :- From <h1> ----- </h1>

to

<h6>

degree of importance decreases

Image Tag :-

If img not loaded then only text inside alt is displayed.

Bold, italic & Underline Tag

 this is bold

<i> this is italic </i>

<u> this is underline </u>

~~
 tag~~ To put extra line (white line)
Used for line breaks in HTML

~~big & small
tag~~

~~(Big) This is big </big>~~

~~(Small) This is small </small>~~

~~
 : for horizontal line~~

Subscript & Superscript :- <p> ₂ </p>

for bottom
ex: CO₂

for powers
ex: a^{2c}
a^bc_b

<p> a ² ₂ + bx + c </p>

Preserve Tag : To get exact text with proper spaces and extra lines.

<pre> Content </pre>

better understanding
for bot

PAGE LAYOUT : <header>

navigation inside this

for better

<main>

640 (easier
navigation)

<Footer>

op

UX

also
called
semantic
tags

<main>

<section> → Page Section

<article> → a self contained article

<aside> → Content aside from content (ex: ads)

</main>

Anchor Tag :- Images can also be used in Anchor tag

 Go to hotstar

→ opens in same tab

 Go to
hotstar

→ opens in new tab

<div> Tag : blocks heading and Paragraph in one
Container

<div> </div>

<h1> — <h1>

<p> — </p>

</div> (width)

{div → Block element → takes space, more space required
Span → inline elements → takes required
space (width)}

* There are many Block and inline tags in HTML.

UNORDERED LIST

used to list unordered items

 : unordered list

used for
cyclic

 : list

should be
done with
done (it)

 : ordered list

attribute

<ol type="square/circle/disk">

• Home

 Home

• About

 About

• Contact

 Contact

used to

list ordered

items, same syntax as of ol in type i, II etc

HTML TABLE :

<tr> : table row

<th> : table header

<td> : table data

<div>
<table>
<tr>

→ after this

caption cleared

<th> </th> <caption>

</tr>

</div>

`<th colspan="3"> --- </th>`

→ split a particular column in 3

Form in HTML

`<form action="form.php">`

Value is different
for different radio button

name of all radio button
should be same

~~Radio~~

`<input type="text" placeholder="Enter your name">`

`<label for="Section id">`

`<input type="radio" value="Section a" name="Section" id="Sectionid"> Section a`

`</label>`

`</form>`

→ This can't be
done for 2
radio buttons

multiple labels are used for multiple radio buttons.

~~checkbox~~

`<input type="checkbox" name=" " id=" " class=" " >`

~~Text area~~

`<text area name="expain" id="expain" cols="30" rows="10" placeholder="Type"></text area>`

provides space

to right / type

→ type

~~Select~~

`<select name="car" id="car">`

`<option value="no-car">Select your car</option>`

`<option value="Omni">Omni</option>`

~~VIDEO~~

`<video src="video.mp4"></video>`

attributes

→ width

→ Autoplay

SEO

(Search Engine optimization)

for page SEO

can be done
by HTML
developers

off page SEO

- Set an opport title
- Set meta tag (content)

<meta name="description" content="" />

- A good url slug (with hyphen)

- Set keyword meta tag

<meta name="keywords" content="" />

- Set meta Author tag

<meta name="Author" content="Punit">

- use favicon (dont skip it for google)

- use compressed images

- remove /css /js compress these files

- Add Alt text to image

for
error

HTML class

div contains

HTML id

diff id

unique
exist
multiple

class w/ or
different and

repeated set multiple
elements