

HTML - I

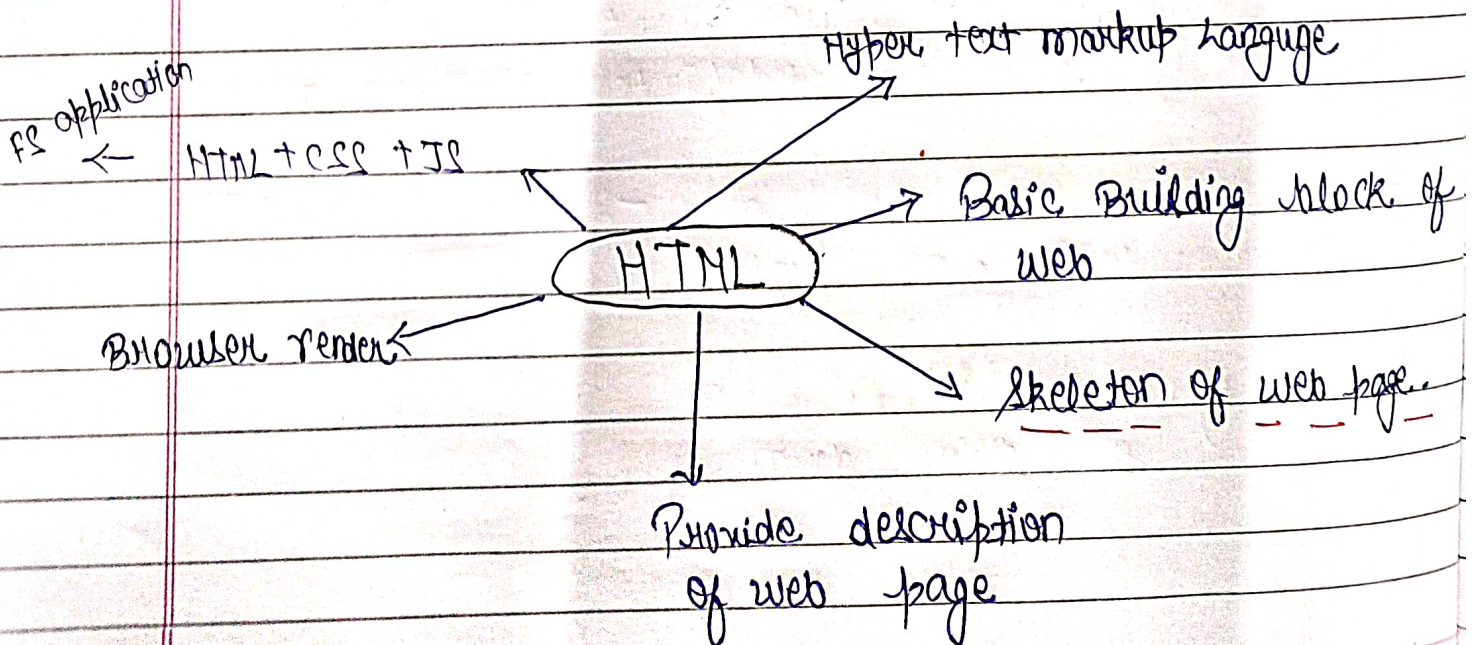
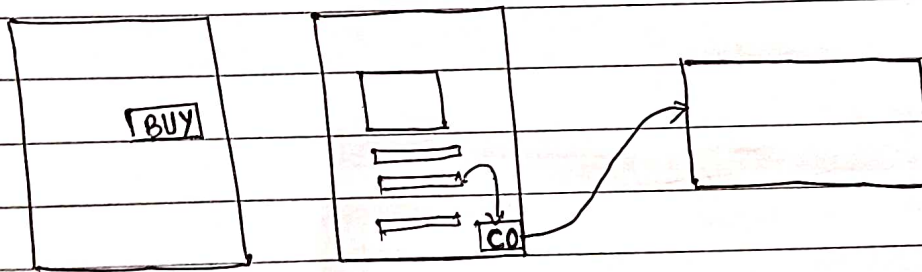
one web page is linked to another page
HTML → Hyper text markup language

annotation / tags used to markup content

* HTML is not a programming language, it is markup language

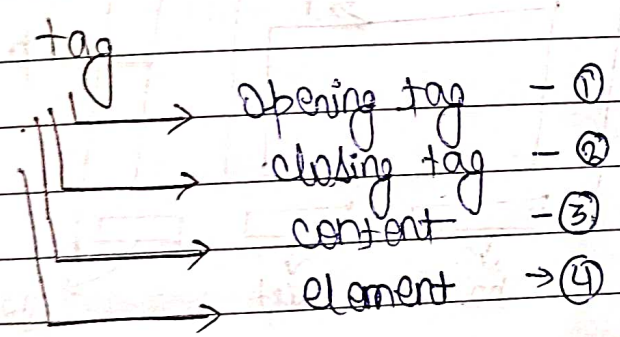
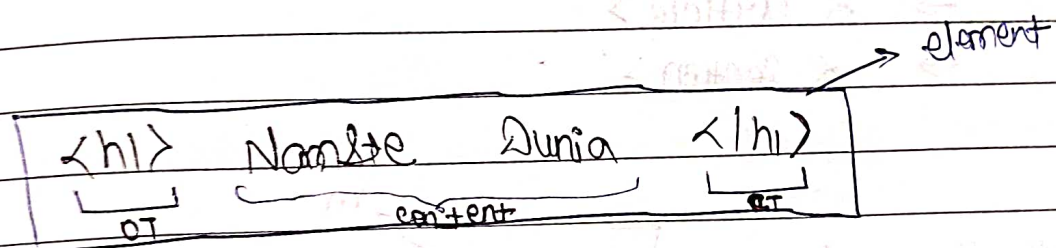
* Markup :- to show the contents use tags and annotation

* Hyper text :- one web page is linked with another page.



Tag :- is something that tell your browser how to render different element.

<p>	<h1>		<a>
↓	↓	↓	↓
Paragraph	heading	image	link



Ques- HTML doc can be open in 2 way.

- Ans: 1. Text editor
 2. by browser

Text element :- tags → 100+ html tags.
 ↳ help through google.

HTML Text element

Block element



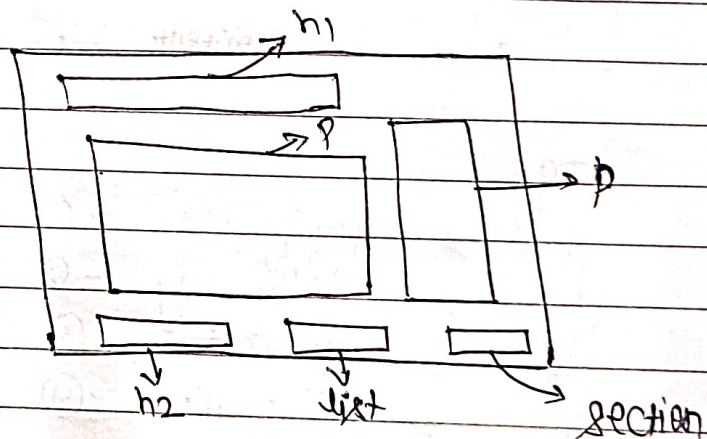
Paragraph → `<p>`
 heading → `<h1>` → `<h2>`
 list → `` | ``
 → `<article>`
 → `<section>`

Inline Element



`` → emphasis
`` → strong
`<a>` → link

Block Element :-



A block-element always takes up the full width available (stretches out to the left and right as far as it can).

Inline Element :- An inline element does not start on a new element.

An inline element only takes up as much width as necessary.

* Empty tag \rightarrow Self - closing tag

$\langle \text{br} / \rangle$

$\langle \text{img} / \rangle$

$\langle \text{br} / \rangle$

$\langle \text{input} / \rangle$

1. $\langle ! \text{ doc type} \rangle$

2. $\langle \text{html} \rangle$

3. $\langle \text{body} \rangle$

4. $\langle \text{h1} \rangle \rightarrow \langle \text{h6} \rangle$

5. $\langle \text{p} \rangle$

6. $\langle \text{br} / \rangle$

7. $\langle \text{div} \rangle$

\rightarrow all ready done through code.

* List :-

\rightarrow Ordered list

\rightarrow Unordered list

\rightarrow Description list \rightarrow H1 to H6

* Attribute \rightarrow All html element can have attribute.

\rightarrow Property, feature

\rightarrow Provide additional information about element.

``
 ├── `src = " "`
 └── `<div>`
 └── `id = "Ramesh"`

``
 └── `width = "100px"`
 `Height = "100px"`

* In HTML `` tag is an inline or empty element.

ID → all element
 class → all element
 src → img
 href → a tag → ``

CSS → A class → Green

 └── B class → Red

 └── A class
 Element 1

 └── B class
 Element 2

 └── A class
 Element 3

 └── A class
 Element 4

E5 → B class

! → enter

↓
 for boiler plate code of HTML in vs code.

Boilerplate Explanation

1. `<!DOCTYPE html>`
 ↳ tells browser about the version of HTML document i.e (HTML5)

2. `<html lang = "en" >`
 ↳ whole webpage content is in english language.
 (en → In far indian english)

③ `<head> </head>`
 ↳ contain meta data of HTML doc.

title
viewport
style
script
character set

Logo in website is called favicon.

meta data \rightarrow Data about data,

④ `<body>` `</body>`

\rightarrow Actual content is inside this tag.

\rightarrow Every data of web page.

⑤ `<meta>` tag :- imp for developer point of view

\rightarrow Information is stored about the webpage

`<meta name : "description" content : "xyz" ;`

description of website.

⑥ Meta tag used in SEO

\rightarrow Search engine optimization.

Meta tag

\rightarrow inside `<head>` tag

\rightarrow displayed to user

Used to specify

Character set

description

keyword

Author

Viewport

7. `<meta name = "viewport" content = width =`
`device initial-scale = "1.0"`

↓ ↓ ↓

display area width of controls
of your screen device the zoom
is viewport using level when
page is first
loaded.

8. `<title>` Document `</title>`
 ↳ written on the top bar of the web browser.

9. `<meta http-equiv="X-UA-Compatible"`
`content="IE=edge">`

Line added by Microsoft and vs code.
 it is just for compatibility
 Nothing else.