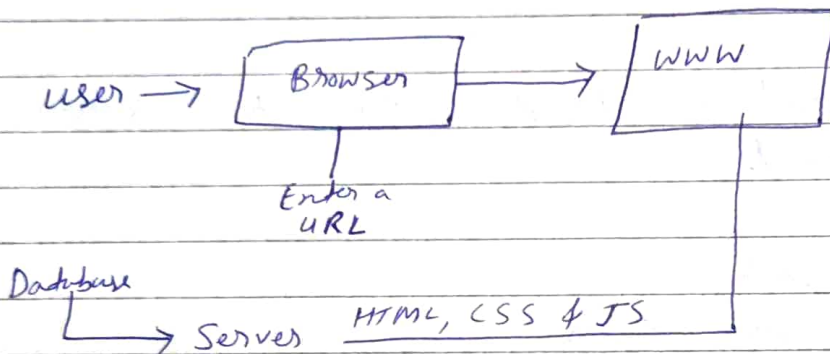# # HTML

⇒ How Website Work?

Server — Server is nothing its another just a one computer.

• Every website is a IP address.

WWW.google.com

↓

DNS ⟶ Translate Domain to an IP address

(Domain Name System)

HTML — structure a car

CSS — Styling a car

Javascript — Car running

HTTP → Hypertext Transport protocol

HTTPS → Hypt Hypertex Transfort protocol Secure

Difference

- If data send in <u>HTTP</u> site to Server easily hacked.

- Encrypted data description only Server

2# HTML vs CSS vs JavaScript

HTML —

Just for content

CSS —

For Styling

JavaScript — For adding dynamic effect

- HTML is markup language
  CSS is design & Style language
  JavaScript dynamic effect

* HTML is not Case-Sensitive.

<!DOCTYPE html>
— Doctype browser

The declaration is not HTML tag.
It is information to the browser about
document type expect.

HTML5 ⟹ <!DOCTYPE html>

Heading Tag

```
<! DOCTYPE html>
<html>
    <head>

    </head>
<title>
    My PAGE
</title>
        Hi, i am azmi, I am starting a
<body>                              web develpmt

</body>
</html>
```

Space & line break

In HTML with tag to change no automatic show break & space.

paragraph tagh — <P> Hello azmi </P>

paragraph pre tage - <pre> i am azmi </pre>

Tag →

Element → Whatever you are write inside of tage.

ex → <P> Hi Azmi </P>
              ‾‾‾‾‾‾‾
                element

Attribute   Inside tag write same properties.

ex - <P align = "right">
           ‾‾‾‾‾‾‾‾‾‾‾
             attribute

Comment (ctrl + forward slace) → only VS code

<!--   -->
   ↑   ↑
two slash   two slash

Ⓢ

9# useful tags

h_1 → <h₁> <h₁> heading tag

hr → <hr> → self close tag
↓
horizintal line

Self closing tag rules best way right

$\boxed{<hr/>}$

break line →
 self closing tags

$\boxed{\ }$ → Space tag

center → <center> Hello </center>

Formatting tag

bold tag → This is bold tag

<h₁ style = "border: 1px solid"> This is H1 tag </h₁>

<p " " " .....> This is p tag </p>

<b " " " " > This is bold tag

h₁ → box a whole line

P → box a whole line

b → only text a box.

⑥

Bald Text → \<b\> This is Bold Text \<b\> \<br/\>

Same [
Italic Text → \<i\> This is Italic Text \<i\> \<br/\>

★ Emphasis Text → \<em\> This is emphasis text\<em\> \<br/\>

Mark Text — This is highlight of text

\<mark\> This mark text \</mark\>

Small Text — \<small\> This is small Text \</small\>

Same (
\<ins\> Inserted Text — Underline text

\<ins\> This is inserted text \</ins\>

Unarticulated Text → miss spelled word

tag

Code Text → ~~b~~ \<code\> we can write some ~~code~~\>

We can write Some Code

\<code\> var a = "Some String" \</code\> /

\<Variable tag → Show like as formula

\<var\> a2 + b2 = 2ab \</var\>

time ⟶ <time> 10:00 AM </time>

Address ⟶ <address> Makhdoompur </address>

Quote ⟶

    <q> used for short quotation. </q>

    <blockqoute> used for longer </blockqoute>

Define ⟶

    <dfn> A show of any definition </dfn>

Abbreviate

    <Abbr title = "Its markup language">

    HTML </abbr>

Strike

    <s> this used word </s>

        ex—

        ~~this used word~~

<deleted> <del> Delete text </del>

progress <progress> which are the used like

        as downloading </progress>

<meter> <meter> The meter as the known </meter>
  ⇓

Known

Anchor Tag

Go to google → `<a href = "https://google.com"> Go to Google`

About page   `<a href = "aboutpage.html"> About Page </a>`

Send mail button   `<a href = "mailto: moteeullahazmi@gmail.com" Mail`
`</a>`

Call   `<a href = "tel: 9151512555"> Call Me </a>`

Image   `<a href = "azmi.JPg> Image </a>`

Image download   `<a href = "azmi.JPg" download > Download Image`
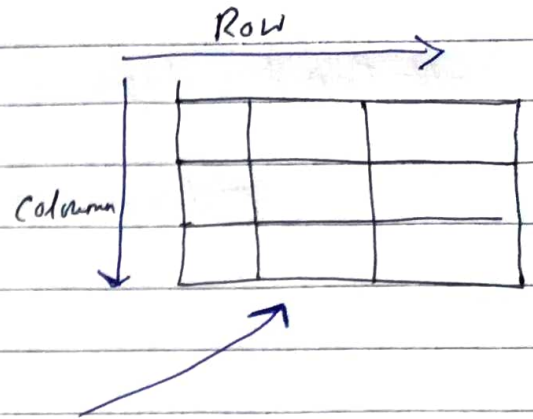`</a>`

Image Tag   self closing tag

`<img src = "azmi.png height = "500" width`
`= "500" alt = 'A car" >`

(Sames as web)

↓
SEO

`<img src = " link " >`

⑨

Table tag

Row

Row — horizontal line

Column — Vertical line

Column

```
<table>   table   design   </table>
<tr>      table   row      </tr>
<td>      table   data   entry   </td>
<th>      table   heading   </th>
```

$\frac{1 \times}{}$ <table>

<tr>

<td>

List

```
ol →   <ol>   ordered   list   </ol>   →
ul →   <ul>   unordered   list   </ul>   →
li →   <li>   list   ited>
```

OL → Type

```
<ol   typ= "1">
<ol   type = "A">
<ol   type   "a">
<ol   type   "I">   Roman   capital

<ol   start = "15">   →   Start → 15
<ol   reversed >   →   Reversed
```

<input> ↛ self close

(10)

Input tags

Enter your Name: `<input type = "text" autofocus />`

placeholder = "Enter your name" Value = "zan"

↓ ↓

Auto

① Text

```
<input
    type = "text"                         | to input text
    autofocus                             | text
    placeholder = "Enter your name"       | inside text written
    Value = "Zano Code"                   | no change written alrsd
    read only                             | no change
    required                              | must fied
/>
```

② Button   `<input type = "button" value = "button">`

checkbox   `<input type = "color" > Cor`

`<input type = "checkbox"> car`

Date   `<input type = "date">`

date & time   `<input type="datetime-local" >`

week   `<input type = "week">`

Email	`<input type = "email">`
file upload	`<input type = "file">` & _multiple_
Month	`<input type = "month"`
Password	`<input type = "password">`
(Radio Button)	`<input type = "radio">`
Range	`<input type = "range">`
Reset button	`<input type = "reset")`
Search	`<input type = "Search">`
Sumbit botton	`<input type = "Sumbit">`
Mobile Number	`<input type = "tel">`
Number	`<input type = "number" min="1" max "20"`

Video → self closed

```
<video src="azmi.mp4" width="400" controls muted>
</video>
```

Music

```
<music src="azmi.mp4 width="400" controls muted
</music>
```

iframe

```
<iframe src="https://www.w3.org" height="600"
width="400"    title="w3 website"
name="w3">  </iframe>
```

a

Embded Pdf

```
① <embed src="resume.pdf" height="600" "width="600"
                type="application/pdf">
```

```
② <! <iframe src="resume.Pdf" hight="600"
                width="600"> </iframe
```

```
③ <object data="report.Pdf> </object>
```

Map

Copy ⟹ as a share function of HTML
form

Meta   It is a tage SEO help

<meta name = "description" content = "HTML tutorials">

<meta name = "key words" content = "HTML, CSS, Tutoria
">

<meta name = "author" content = "John Doe" >

Mobile View ⟶ <meta name = "viewreport" content = "width = device-wid
initial-scaled = 1.0">

Refresh ⟶ <meta http-equiv = "refresh" content = "s" >

SVG — Scalable Vector Graphics
① Circle
② Rectangly

Emoji