

HTML [Hyper text markup language]

were, ~~present~~ Hyper text markup language

T

marked up tags * connection of two documents.

* <tags>

* not logical

<html> </html> language

open bracket to have < < its structure

language

<

<title> empty </title>

open angular bracket

>

closed angular bracket

<title> in <html> </title>

1. <!DOCTYPE html>

) not html tag or tag.

Document type

2. <html> = open html tag

declaration

3. </html> = closed html tag

starting
open html tag

inside:

<head>

tab title

<title> gomu </title>

closed html tag

</head>

<body>

open

<h1> Hi Hi </h1>

</body>

closed

chromu | goms x

Hi Hi Hi

<!-- comments -->

Explanations

basic comments declaration

Explanation: telling browser what type document

```

<!DOCTYPE html>
<html>          → head of html page
  <head>
    <title> goms </title>
  </head>
  <body>           → rendered red and black
    <h1> Hi Hi Hi </h1>
  </body>
</html>          → <html heading tag>

```

note: no error
=<html>
raise in html

The heading tag:-

→ show big

shift out

→ <h1>

→ <h2>

→ <h3>

<h4> if

→ <h5>

→ <h6>

tags are communicate
with chrome

size decriable

if

list

* The paragraph tag :- [not good return] & still return *

< P > I'm a software developer < /P >

< soft developer > and

atoms

I i H H

I'm a software developer

if:- preibown
[preib want and], white spaces

< P > I'm [] a software dev < /P >

NOTE:-

html is disregarded white
space

atoms

I'm a software dev

-> for removing white lines use

[post]

-> { < P > line 1 < /P > } 1st Technique
{ < P > line 2 < /P > } 2nd Technique

< " " = 32 pmis

-*

{ < pru > }
< pru >
{ contents } } 2nd Technique

↓ - spani size of C - *

[include white spaces]

< " " = 32 pmis >

1st technique

2nd technique

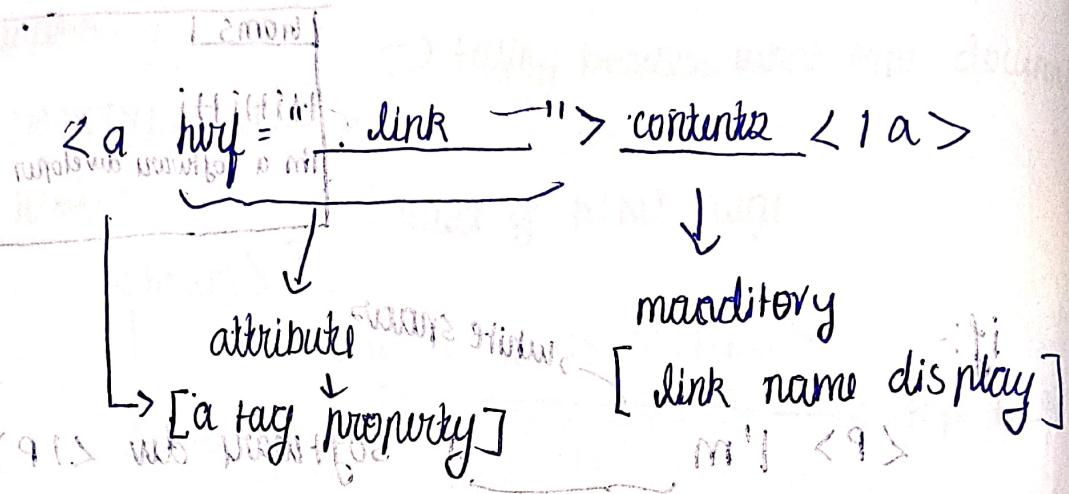
line 1
line 2
} move gap fix

line 1
line 2
} contents

exact
pmis

* hyper link :- [under body tag] :- just preparing wif

< a href=" " >
↳ link tag,



* The img tag :-

self closing tag [no much closing tag]

So, { } +

address of image.,

* -> To reduce image:-

[reduce image size]

height="300px" width="100px"

1 unit pixel 1 unit pixel from { 1 unit }

[attribute of img]

also,

* `width = "100px"`

ex:-

``

[Only one is recommended.]

[height or width because, if u select height so, width set auto]

[automatically matching with height pixel]

[folder within html]

* ` src = "folder/name.jpg"`

`height = "200px" alt = "This is image of something"`

[if image not found it show this text]

[if img not found it show this text]

* hr :- & br :- (empty elements)

<"x9001"> = HBRW

<hr>

↳ self closing tag,

put horizontal line

<"x9001"> = HBRW "x9001" = DIPUR

↳ self closing tag

new empty line

→ URL = absolute URL

→ image.jpg = relative URL

"BUT <image> is stored in folder?"

* HTML [is ^{to} NO case sensitive]

[But you command it to use lower case
does this work ??]

* Styling Attribute:- use every tags

→ * Set color = "Red"

use colour name
or
in nura decimal

← h1 color style = "

<h1 style = "color: colourname;">

<h1 style = "color: colourname;">

[element color change] </h1>

→ * <body style = "background-

color: red;">

change colour

for
txt contrast

contrast

<body>

total background : change text " = nula (11)

→ *

height = " " "

style = "border: 3px solid green;">

pixel width

colour.

nature:-

solid, dashed, dotted....

→ * font

Style = "style1; style2;"

we use multiple styles.

font-family: font-style

<h1 style="font-family: ;">

also, style="font-size: px;"

<h1 style="text-align: center;">

→ * center:-

<h1 style="text-align: center;">

also,

; right }

; left }

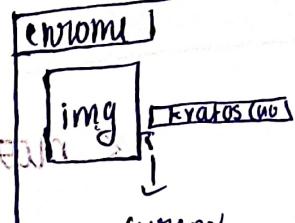
exist

<h1 style="text-align: center;">

Major factors

- center

* title attribute:-



* Bold / STRONG Tag:

 —

"b tag."

Also, if knew id and put

 —

change txt to bold

 —

"kratos (grow2)"

bold and give
important

* i & em Tag:-

<i> I AM OT </i>

I AM OT

change text is slanting

em tag also, slanting
but give important to the
text like strong

* <small> & mark:-

- substituted to alt

<small> C++ <small> font >

<"(word) word," = alt

C++

size change

font size



font

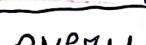
vector

spont. move the cursor

Alt + Shift + Alt

(word) word "X"

Note:-



every tag can be used in any

tags

<small>

<mark>

<i>

<u>

ex:-

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249

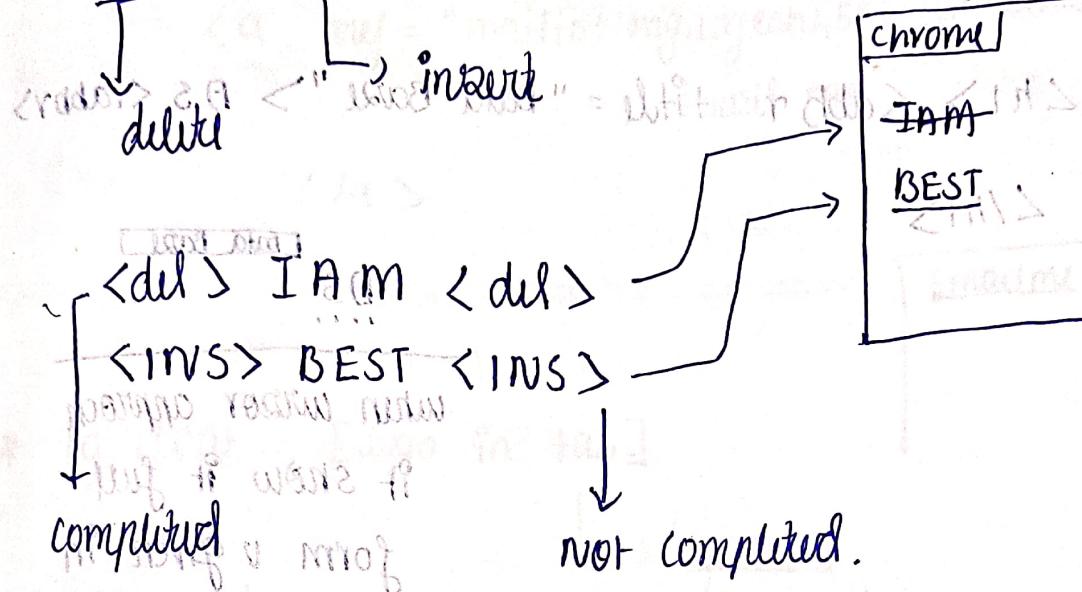
250

251

252

253</p

* del & ins tag:



* sub and sup Tag:

$$\left[\text{^{OP:-}} \text{^a_b} \right] \text{^a_b} = \text{^{a^2 + b^2}_{ab}}$$

arrow from last ^a_b to $\text{^{a^2 + b^2}_{ab}}$

OP:-

$a^2 + b^2$ } sup use to put constant in power

$$\left[\text{^{OP:-}} \text{^a_b} \right] \text{^a_b} = \text{^{a^2 + b^2}_{ab}}$$

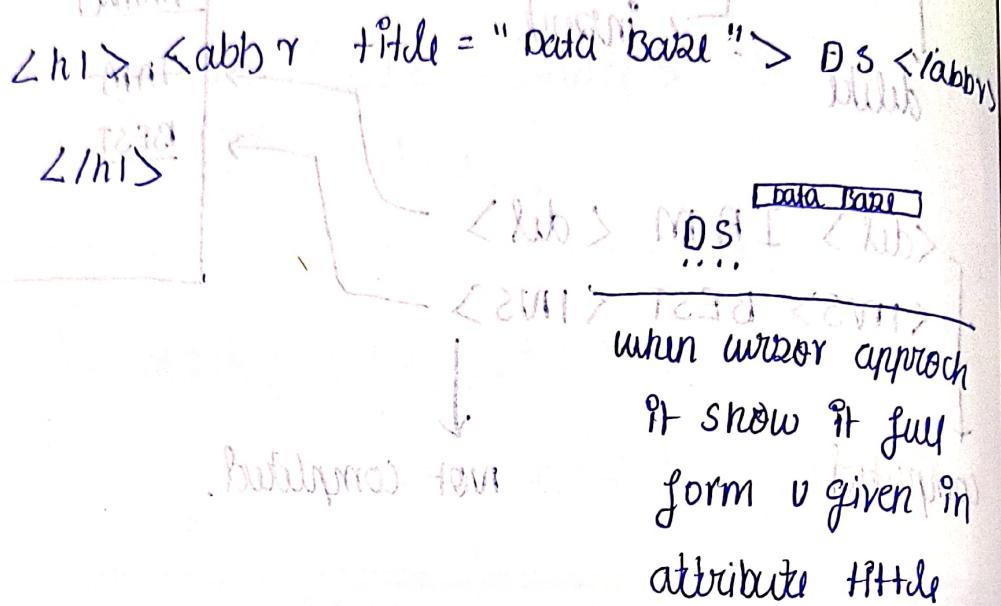
OP:-

$$\left[\text{^{OP:-}} \text{^a_b} \right] \text{^a_b} = \text{^{a^2 + b^2}_{ab}}$$

flip of power by sub

<01>

Abbreviation tag:-



* comments:-

`<!-- content -->` [will any where in
`<script> <script> d + <script> f <script> p </script>`]

`<!-->` that don't work

only comment in code

another type of comment `<!-- to understand -->`

new type of comment

* for logo + link:-

`<a href="<u>LOKI</u>.io" >`

`ca:-`
`<!--> LOKI.io`

``

`rowan to null`
``

`src = " " + " " >`

`src = " " " "`
`height = "17px" >`

`LOKI.10`

``

`LOKI.10`
`img "`

* mailto :-

Email me

$\langle |a\rangle$

Email me

~~THIS IS LOWER THAN THE ONE IN THE~~

* Favicon is [logo in tab]

✓ 14

LOKI X

logo

Liaodong

<title> goms </title>

`<link rel="icon" type="image/x-icon">`

$\langle \text{t} \rangle$ $\langle \text{d} \rangle$ $\langle \text{m} \rangle$ $\langle \text{b} \rangle$

<bd style="font-size: 1em; border: 1px solid black; padding: 2px; margin-bottom: 5px;">

~~5 days~~
2 min

self close

Folder

image name

~~particular~~ ~~particular~~

$\langle b_1 \rangle \sqsubset_{\text{LHOM}} \langle b_2 \rangle$

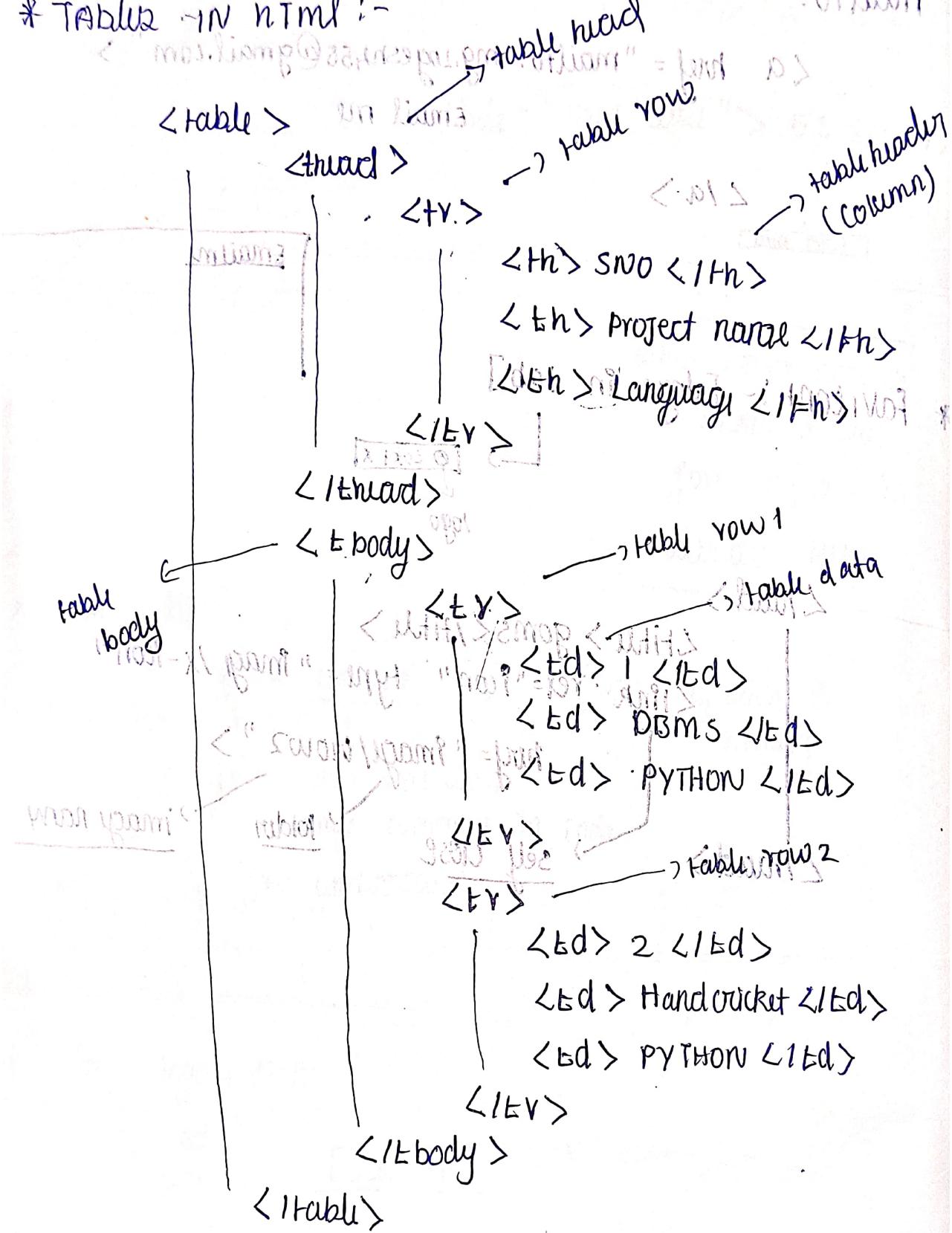
$\sum_{k=1}^n$

make *mitzvah* *mitzvah*

Editori >

camulos
blad weg op
isweg
end

* TABLE IN HTML :-



OP:-

SNO	Project Name	Language
1	DBMS	PYTHON
2	Handcricket	PYTHON ..

columns
are bold
because,
 $\langle \text{th} \rangle$

* caption for tables:-

```
<body> <table> <"s"> superior be>  
    <caption> my projects </caption>  
    <thead>  
        <th> < /th> } content column  
        <th> < /th> } content column  
    </thead>  
    <tbody>  
        <tr> <"x900y" content data rows>  
            <td> </td>  
            <td> </td>  
        </tr>  
        <tr> </td>  
        <td> </td>  
    </tbody> <td> down </td>
```

OP:-

<table> my projects </table>		
SNO	P_N	language
1	python	-
2	-	-

* Colspan in table:-

```
<th> SNO <th> P_N <th> language
```

```
<th colspan="2" > P_Name </th>
```

make this column common for 2 column if
before column not given,

OP:-

DBMS	Python	language
DBMS	Python	PYTHON

2. h-c
J

common
column header = P_name.

* rowspan in table:- [used rarely]

<td rowspan="2" > <td> </td>

<td rowspan="2" data="data" > <td> </td>

* table attributes :-

<table width="300px" >

↓ <td>

width increases

also,

<table height="300px" >

height increases

* table border:-

<table style="border: 1px dashed none;" >

</table>

if border is not defined then it is zero

ex:-

SNO	P_Name	Language	Profession
1	DBMS	PYTHON	Programmer
2	handicraft	PYTHON	Designer

MENT-1 = table rows

* lists in html :-

↳ unorder list
→ $\langle \text{ul} \rangle$ — $\langle \text{ul} \rangle$
→ $\langle \text{ol} \rangle$ — $\langle \text{ol} \rangle$
 |, ii, iii
 |, with order number
 |, ordinal list.

ex:-

$\langle \text{ul} \rangle$

$\langle \text{li} \rangle$ line 1 $\langle \text{li} \rangle$
 $\langle \text{li} \rangle$ line 2 $\langle \text{li} \rangle$

$\langle \text{ul} \rangle$

OP:-
• line 1, line 2 are not run to each other

ex:-

$\langle \text{ol} \rangle$

$\langle \text{li} \rangle$ line 1 $\langle \text{li} \rangle$
 $\langle \text{li} \rangle$ line 2 $\langle \text{li} \rangle$

$\langle \text{ol} \rangle$

OP:-

1. line 1

2. line 2

* attributes for list:-

→ $\langle \text{ul style="list-style-type: circle;"} \rangle$

OP:- list $\langle \text{ul style="list-style-type: none;"} \rangle$
change to

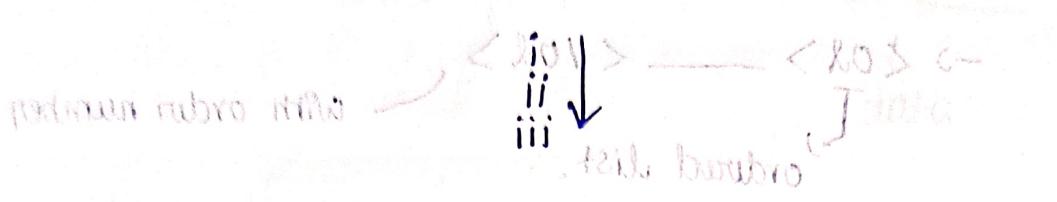
→ $\langle \text{ol type="A"} \rangle$

OP:-

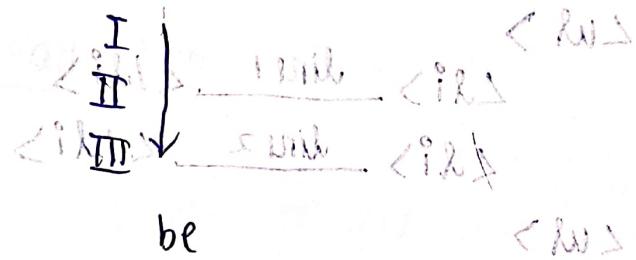
1. A

change to

→ Local type = "i"

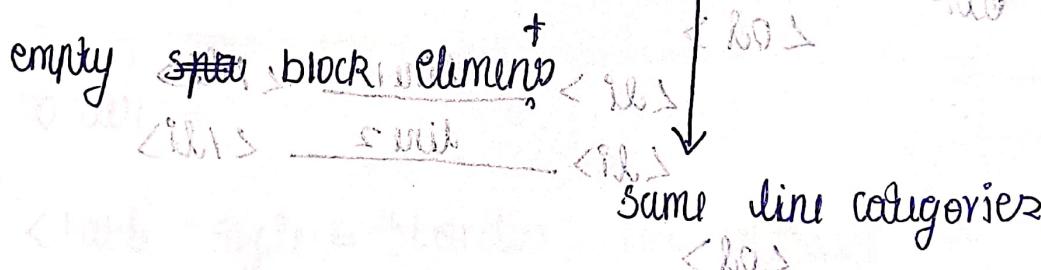


→ Local type = "I"



Note:- These lists can exist between each other for sub lists.

* div & span :-



* class & id :-

I

navigation.

if

``

Note:-

only one id can be used for each element

when we click name it navigate to

the image because it has `id="name"`

and we link `ps "name"`

* **iframe Tag :-** [one web html → another web html]

<"refrep" = name, <"oibor" = ref> by link]

<lodol> name <lodol>

Li frame src = "namu.html" > my page </iframe>

Op:-

name o

namu o

namu.html

IAM

our command to

= browser "go to url"

our site

IAM

WT EUPP

, namu.html.

bi

current html

<lodol> notifications to export <lodol>

- period - 300

* **forms in html :-**

<form>

<"form", return = "post"> method

<label> name </label>

<input type = "text" >

(in ref) <input type = "text" >

<label> password </label>

<input type = "password" >

"button": submit, <input type = "submit" >

<input type = "submit" >

buttons & fields

</form>

→ build in self closing tag.

<input type = "date" >

→ rubbit date, available

" = auto

<input type = "radio" >

<label> male </label>

<label>

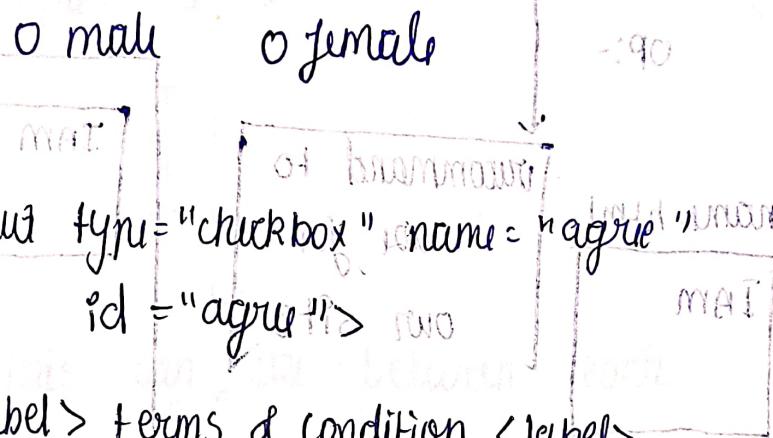
<input type="radio">, name="gender">

<label> male </label>

<input type="radio">, name="gender">

<label> female </label>

Shows:-



Shows:-

Terms of condition

* Action Attribute:-

<form Action = "index.html">

<input type="button" value="Submit" />

if u submit the form

<window> navigate <parent>

<"browser"=parent> navigate "index.html"

<"frame"=parent> which u created

* placeholder, value, required, disabled :-

<input type="text" placeholder=" " value=" " />

<"other"> required & disabled </input>

* fieldset and legend:-

<fieldset>

<legend> sign up </legend>

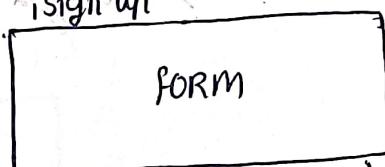
<form>

"> <input type="text" value="subject">

3d form </form> below

<fieldset> divs of user

ex:-



* Background - Img :-

```
<img style="background-img: url(  
    image.jpg);  
    border-radius: 30px;">
```

* Border-curve in table or img are circle:-

for field set:-

```
<fieldset style="border-radius: 30px;  
    padding: 5px;">
```

for circle border img:-

```

```

* for image in circle:-

` style="border-radius: 50%; width: 150px; height: 150px; border: none;"`

`border-radius: 50%; width: 150px;`

`height: 150px;`

`border-radius: 50%;"`

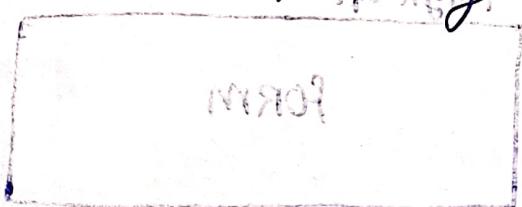
Note:-

width & height must be
same for circle ~~border-radius~~

~~border-radius: 50%;~~

\Rightarrow always 50% or $\frac{100\%}{2}$

No way



* for table curve:-

`<table style="border: 1px solid black; border-radius: 15px; border-collapse: collapse; width: 100%; height: 100%;">`

`border-radius: 15px; border-collapse: collapse; width: 100%; height: 100%;"`

CSS (Cascading Style Sheets)

order of
one by one

sample:-

→ selector → choosing element of html were
The CSS rules are applicable

h1 {

color: blue;

}

declaration block

{

→ root

→ <h1>

Through

Two Types:-

* inline

* Internal

* external

ex: <h1 style=" " > — </h1>

<head>

<title> — </title>

<style>

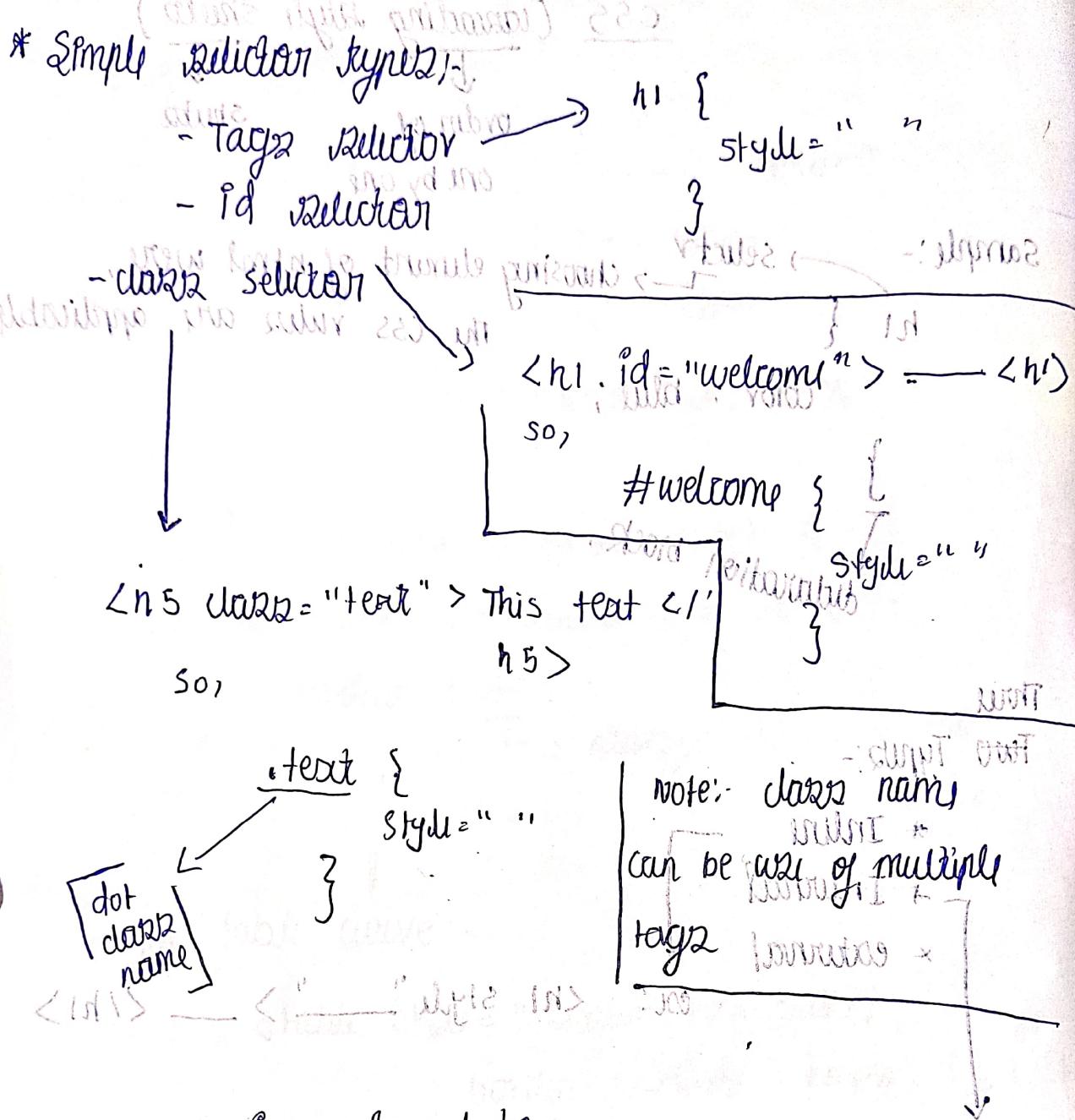
h3 {

color: brown;

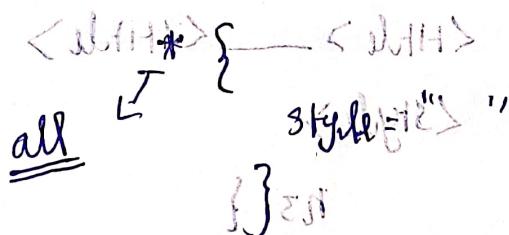
} - Replaces previous

</style> spot light

<head>

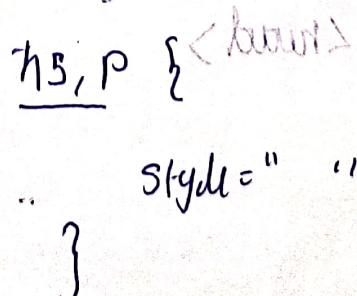


- universal selector :-



- Grouping Selector :-

↳ multiple tags : ` `



* connecting CSS file to HTML :-

```
<link rel="stylesheet" href="style.css">
```

* background repeat :-

background-image: url("image url");
background-repeat: no-repeat;
background-attachment: fixed;
use for interactive

A border :- (rounder corners) :-

border-radius: 15px;

* overflow for scroll :-

choose width small
if content are larger in that width.
use,
style = "overflow: auto;"

store content
in <pre>

for scroll

* nonup transition :- [refer another page]

```

```

<style>
, img { width: 400px; height: 200px;
border-radius: 30px; transition:
0.3s ease; }

* external :-

< writing in new file not in the file >
current html file.

Ex:-

index.html -> style.css linked

```
<html>    style.css : h1 { background-color: red; }  
<head>    style.css : h2 { background-color: green; }  
</head>    style.css : h3 { background-color: blue; }  
<body>    style.css : h1 { background-color: red; }  
<h1> I AM 1</h1>  
<h2> I AM 2</h2>  
<h3> I AM 3</h3>
```

for linking two files :-

we use, {{ link rel="stylesheet" href="style.css" }

{{ name: style.css } style.css

relative path in external file
in head tag.

name of file.

"path: style.css" = style

* flex:- none of

initial state
<div> n

style="display: flex; justify-content: space-around; align-items: center;"

< " " > < " " > < " " >

space around items

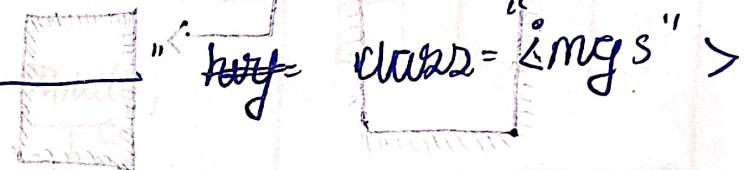
: flex-wrap: wrap; align-items: center;

no height : > : children

; width: 25%;

@ media (min-width: 320px) { smartphone,
 iPhone, not iPad }
 @ media (min-width: 480px) { Android phones,
 Samsung, iPhone }
 @ media (min-width: 600px) { tablets, landscape,
 792x90x90 : instead, }

* Popup Image:-


``

<Style>

`.img's {`

`width: 400px;`

`height: 400px;`

`border-radius: 30px;`

`transition: transform 0.3s ease;`

for popup.

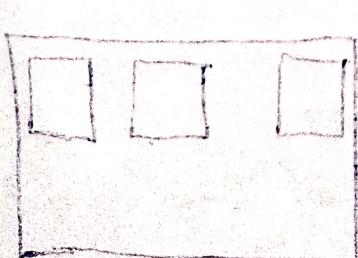

`.img's: hover {`

`transform: scale(1.2);`

`cursor: pointer;`

special effect
when cursor
approach

</Style>



[for zoom]

{ needed - image : cursor: pointer }

[when] vis

: [cursor: pointer approach]

smooth
animation

(ii)

* box-shadow [was border and try] (n) ribbon ⑥

f. \rightarrow for outer

forwards i understand

-> for inside

box-shadow: 0px 0px 15px

<color>j

A diagram showing a rectangular frame. A horizontal force F is applied at the left corner, pointing towards the center of the rectangle. The right side of the rectangle has a hatched pattern.

200

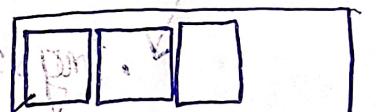
marie - *marie* *marie*

Kamfan } linking; bigoof; stripit
 {

* flu- (खोराकी-खोराकी) - subord.

These styles ~~are~~ ~~not~~ part of parent container

(1) $\text{div} \{$

(1) `.div {`
 `display: flex;` \Rightarrow 
`flex-direction: row;`
`justify-content: space-around;`

strömz
positivis

ii)

```
div {  
    display: flex;
```

[moas rot]

A simple line drawing of a building facade. The facade is a single horizontal rectangle. It features three identical, empty rectangular windows arranged side-by-side. Each window is defined by a thin black outline.

Juxtapose content: space-between;

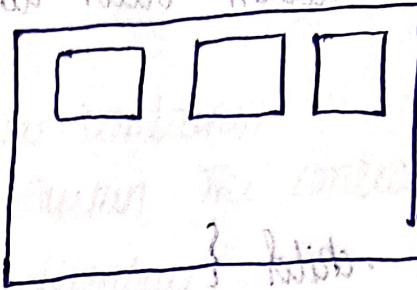
(iii) div {

display: flex;

justify-content: space-around;

}

=>



ex. 3.0 position: relative;

(iv) div {

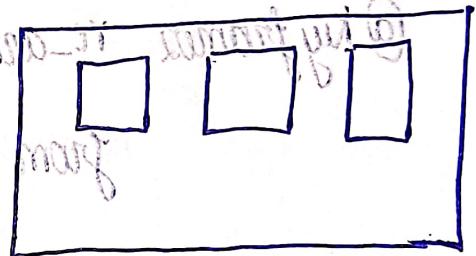
display: flex;

justify-content: space-around;

}

evenly

OP:-



(v) div {

display: flex;

flex-wrap: wrap;

"min-width" fails to use if no child container beyond
in browser it will the maximum width will
come down automatically.

bullets at page 111 now know relative positioning *

* animation occur when website open:



consider: $\langle \text{div} \rangle$, class = "child"
} flex container
 $\langle / \text{div} \rangle$

animation: re-animation 0.5s
linear;

}

@ keyframes re-animation {



from { opacity: 0;

transform: translateX(-100px);

}

to {

opacity: 1;

transform: translateX(0px);

}

}

transition like

sliding animati

foreign children slides as if it is for child "container"

Note: This animation appear when u enterd in that web page or u reload the web page.

* animation transition occur when web page is scrolled:

So,

.child {

consider

$\langle \text{div} \text{ class} = \text{"child"} \rangle$

animation: appear linear;

animation-timeline: view();

anim

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

animation-range: entry 0; exit 1;

animation occurs the container in
view and finish when the container
occupies 30% of monitor display.

@keyframes appears {
from { opacity: 0;
scale: 0; }
to { opacity: 1;
scale: 1; }
(or) transform: scale(1); }
zoom in animation
when range starts

Note:-

use: [animation-range: entry 0;] (recommended)
for first container of the webpage

* glowing of box-shadow with different color animation

when hover :-

[used previous container]

.child {

animation transition: transform 0.5s ease;

}

.child:hover {

cursor: pointer;

box-shadow: 0px 0px 30px red;

animation: glow 10s linear infinite;

}

@keyframes glow {

0% rotation: 0deg;

background-color: red;

100% background-color: yellow;

40% {

background-color: orange;

100% background-color: red;

}

color: yellow; }

color: white;

70% {

background-color: blue;

}

color: blue; }

90% { color: purple; }

background-color: purple;

}

100% {

background-color: black;

background-color: black;

}

background-color: black; background-color: black;

[background-color: black;]

background-color: black; }