

Compiler, assembler, interpreter. (3 way to write the lang.)

Page No. \_\_\_\_\_

Date \_\_\_\_\_

→ interpreter src-lang.

→ No need download & install any S/W.  
type & save  $\Rightarrow$  notepad.  
execution & result  $\Rightarrow$  browser.

# disadvantage:-

- user defined tags. (not possible).
- coding support (no coding in HTML)
- Error checking is complex process.

# Tag:-

10/10/23  
Tue.

→ predefined program, program is set of instructions.

→ these instruction are followed by the browser & prints the data (results)

→ if unable to follow.

i) it skips that line.

ii) it prints as a plain text.

→ Every tag is English word, that must enclosed with  $\langle \rangle$

ex:-  $\langle \text{html} \rangle$   $\langle \text{p} \rangle$   $\langle \text{h1} \rangle$  etc...

# TYPES:-

paired tag

unpaired tag.



\* 60% tags are paired / full tag.  
(open & closed both tag)

\* rest of the unpaired / self close tags.

i) Paired tag:- means open tag & close tag.

Syntax:-  $\langle \text{tag} \rangle \times \langle / \text{tag} \rangle$   
 $\langle P \rangle \text{ melonoid } \langle / P \rangle$

→ body full tags.

Ex:-  $\langle \text{html} \rangle \dots \langle / \text{html} \rangle$

$\langle P \rangle \dots \langle / P \rangle$

$\langle \text{table} \rangle \dots \langle / \text{table} \rangle$

ii) unpaired tags.

→ means only open tag.

→ self closed tag.

Syntax:  $\langle \text{tag} \rangle$  OR

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

→ body less tag.

FAQ:

What are void tags in HTML?

→ All unpaired tags are void tags.

Eg:-  $\langle \text{meta} \rangle$  OR  $\langle \text{meta} / \rangle$   
 $\langle \text{link} \rangle$   
 $\langle \text{img} \rangle$

Eg: IS+ program:-

$\langle ! \text{DOCTYPE HTML} \rangle$  → version section

$\langle \text{html lang} = "en" \rangle$  → head section

$\langle \text{head} \rangle$

→ web page / document designing start here.  
↳ in head web page setting.



\* An html W3C divided into 3 sections.

</head>

<body> { Body section)

welcome to web world & #128525;

</body> → in body web page / designing  
</html> (page content).

→ web page / document designing ends here.

## # Comment Lines:

→ Comment lines are to provide some description about our program.

⇒ Comments are not executed by browsers.

Syntax :-

<!-- comments -->	} Single line Comment
<!-- demo on html -->	
<!-- demo on html -->	} multiple lines Comment.