

HTML :-

- stands for hyper text markup language
- ⇒ Html is used to create websites
- ⇒ Html describes the structure of web page.

Types of tags: Two types of tags.

① self closing tag ② Pair tags.

Element: When both opening and closing tags combine then it is called element.

- $< >$ are called angular brackets
- $P * 10 \rightarrow$ want to make 10 paragraph.
- $Alt + z \rightarrow$ paragraph manage.
- For boiler code (shift + !)
- In html we use headings for structure instead of font size for css.

Attributes are use for functionality.

Free Websites:

- ① unsplash ② Free Pk
- ③ Pixabay ④ Mixkit for video

SOC (separation of concerns)

DRY (Don't Repeat Yourself)

CSS:-

stands for Cascading Style sheets.

It is used for HTML elements are to be displayed on screen.

In CSS we use selector

Selector { property : value ; }

→ 5 ways of apply colors in CSS.

- ① Named colors
- ② Hexadecimal
- ③ RGB
- ④ HSL
- ⑤ HWB

→ Almost 60 millions colors.

→ Primary colors are RGB 0 → 255

→ website: color hunt.com

CSS Text Properties:-

- ① text align
- ② font weight (100—900)
- ③ text decoration
- ④ line height and line spacing
- ⑤ Font Size

CSS selectors:

<#id #first name

→ <p id = "Para"> #para

→ <p class = "para"> .para

→ * * select all elements

Input [type = "password "] { color: red; }

Display property

① inline

↓
span

② block level

↓
Div

~~p :: first letter~~

⇒ Three ways of insert CSS

① external CSS

② internal CSS

③ inline CSS

Responsiveness

① Box model ② Grid system ③ Flex box

④ Position Property ⑤ Media queries ⑥ Bootstrap 5

⑦ Tailwind 3

Java Script:

→ Dom
→ JQuery

- 1 - learn JS on its own no HTML/CSS
 - 2 - Use JS to manipulate HTML/CSS
- Pure Javascript is called vanilla JS.
 - Google chrome launch for JS.
 - To run JS on windows use Node.js

Primitive Types

The basic building blocks.

- ① Number
- ② String
- ③ Boolean
- ④ Null
- ⑤ Undefined

* console is repel.

- Variable:**
- ① Your variable should be explicit and ^{full} meaning
 - ② You cannot use reserved keywords as a ^{name} variable
 - ③ You cannot use spaces in your variable name.
 - ④ You can use special character
 - ⑤ You cannot declare a variable twice