

Lecture - 1

Date → 20/01/2022

Web Development

Schedule of web dev
:- (T T S)

- 1) Node JS
 - 2) VS Code
 - 3) Git
- } Installed

how to check installed.
or not

git --version }
node --version } in cmd / Terminal

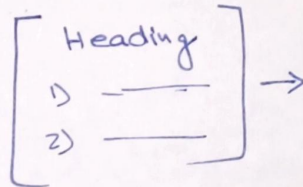
HTML

HTML → Hypertext Markup Language.

* HTML is a Markup language (Not programming Language)

2) Web browser to understand how to structure a webpage.

ex:-
chrome,
opera
etc.



markup language
Structured the webpage.

3) HTML is made up of series of element

make folder → name it → open → mouse right click → open in VS code

→ open in VS code

html / index.html

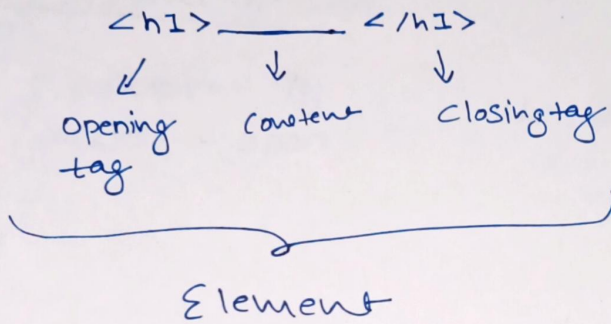
→ for ~~for~~ HTML Boilerplate - Shift + I →
Press Enter

→ Extension → Live Server
(install) Enable
→ Start Live Server
(go live)

To structure webpages, we use tag

($\langle \rightarrow$ sentence \langle / \rightarrow)

Heading tag



tag + content = Element

font
size
decreases

↓

$\langle h1 \rangle$
 $\langle h2 \rangle$
 $\langle h3 \rangle$
 $\langle h4 \rangle$
 $\langle h5 \rangle$
 $\langle h6 \rangle$

Paragraph tag

$\langle p \rangle$ — — $\langle /p \rangle$

To create a paragraph

* Spaces don't matter

multiple spaces are treated as single spaces

$\langle p \rangle$ My name is Google $\langle /p \rangle$

Myname is Google → computer web browser

Divison tag

`<div> --- </div>`

`<!--` it is kind of a bucket/container `-->`
for extra things

Ordered list

` --- `

↳ it number list the item

` --- ` → list tag

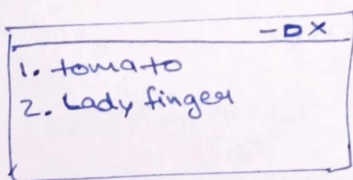
↳ items in list is placed between this tag

Eg:- ``

` tomato `

` ladyfinger `

``



→ In your browser output.

Unordered list

` --- `

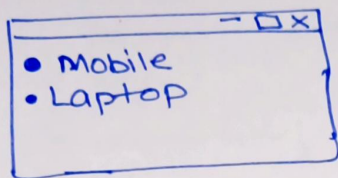
↳ To create unordered list with bullet points

` --- `

↳ items in list is placed between `` tag.

Eg:-

```
<ul>
<li> Mobile </li>
<li> Laptop </li>
</ul>
```



→ Your browser output.

Span tag

```
<P> I have a <span style = " Color : blue ">
blue </span> shirt </P>
```

It is used to markup a part of a text

- opening tag span → ``
- click Enter
- write "Color" in double quotes
- choose color
- closing tag span ``

Links

```
<a href = "https://www.google.com">google</a>
```

Link of page

Text on which users clicks

href → attribute

"https://www.google.com" → Value (link text)

`<a> — ` → This is Anchor tag.

two types of links

- ↳ full web address (to visit a specific site, other than this website)
 - ↳ absolute URL

- ↳ Relative URL (when linking to other pages in same site)

Eg. ` Home `
(relative)

Eg. ` fb `
(absolute)

Image Tag

``

- It has no closing tag

src

↳ tells browser where it can find image

alt

↳ provide text description of image (better for SEO)

Steps

- 1) Download a image
- 2) put it inside your htm folder
- 3) Now copy the path of image
- 4) paste it in the src attribute

Eg:- ``

Eg with 'alt'

``