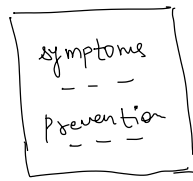


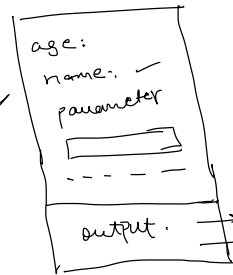
Static → webpage data show karke hai



Cond
instructions
(information)

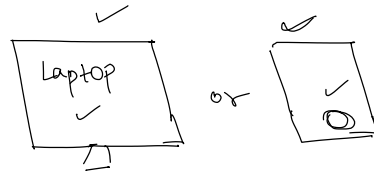
✓ Dynamic →

meds
app



blood test → reports

✓ Responsive →



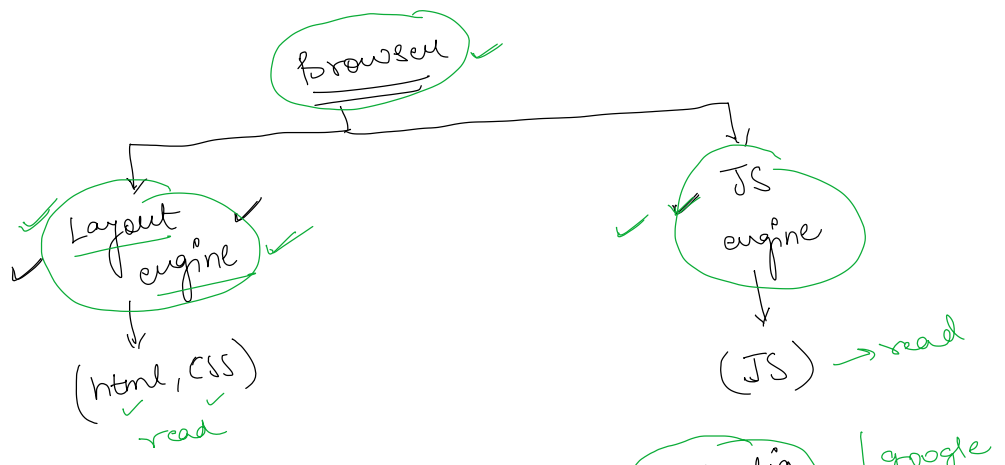
interacts
+
screen ✓

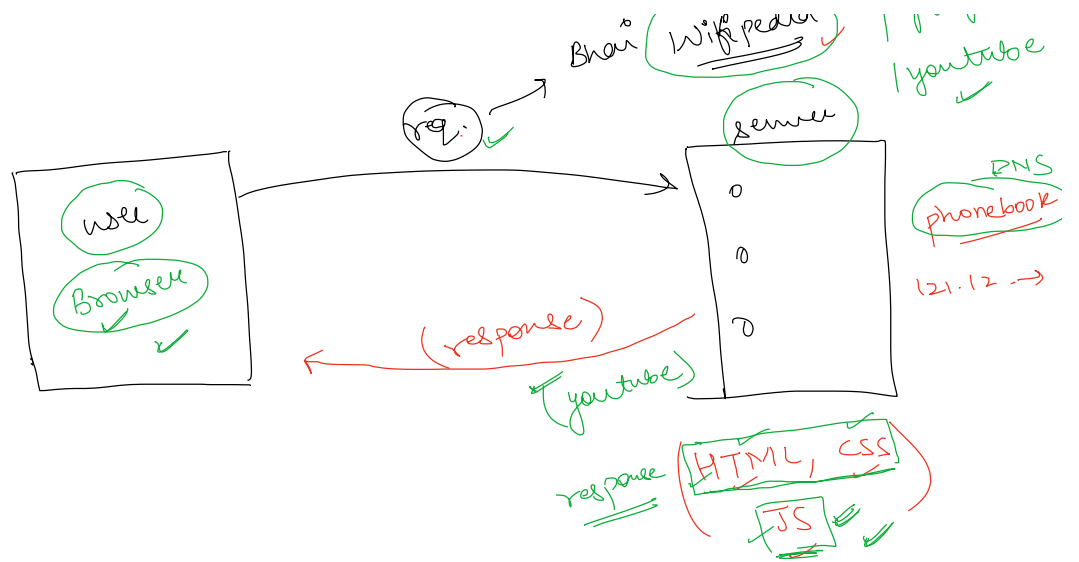
— X — X — X —

✓ # HTML (hypertext markup Lang.)

(text containing hyperlinks)

text → click → redirect / take you



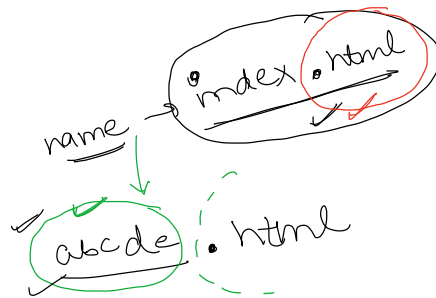


Coding

Web Live Jan 23

→ Lecture-1

→ Lecture-2



- autosave ✓
- auto rename ✓
- auto close ✓
- live server ✓

why? HTML was discovered?

1990's US universities

research paper

Heading, science

Tim Berners Lee →

HTML ✓

emmet →



```
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4   <meta charset="UTF-8">
5   <meta http-equiv="X-UA-Compatible" content="IE=edge">
6   <meta name="viewport" content="width=device-width, initial-scale=1.0">
7   <title>Document</title>
8 </head>
9 <body>
10 </body>
11 </html>
```

latest version ✓
root element

① html latest html 5

② <html> } root element
opening tag

⑪ </html>
closing tag

③ <head> } contains all the information, which you don't want your user

⑧ </head>

⑨ <body>

⑩ </body>

Information which user can / should see

④ utf-8 ✓ rule

Content string character } 0/1

Ⓐ → 01011 ✓
Ⓑ → 10110 ✓
Ⓒ → 10111 ✓
Ⓓ →

⑥ viewport ?

⑦ file ?

! ⓪ html : 5 → emmet

Tags ✓ (element / tag)
→ showed different tags

① heading tag

✓ $\langle h_1 \rangle$ opening tag $\langle /h_1 \rangle$ closing tag

Content

✓ $h_1 \rightarrow$ darkest, largest (size)

✓ \vdots

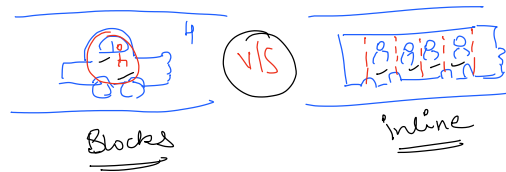
✓ $h_6 \rightarrow$ least largest (size)

elements | tags | types ?

① \rightarrow inline Element

② \rightarrow Block Element

✓ inline \rightarrow occupies only the req. space



✓ blocks \rightarrow occupies the entire area even if its not needed.

eg: ($h_1 \dots h_6$)

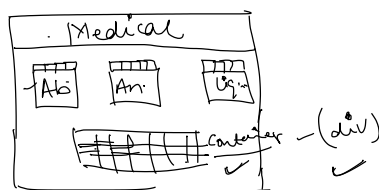
inline

span
em
i
strong
b
sub
sup

block

$h_1 \dots h_6$
div ✓
p

div \rightarrow generic container (block)



✓ strong tag is X not used to bold the

① { w. important stuff ↑ Rise
 ----- important

mdn → documentation

↓
 mozilla
 developer
 network

② { (circled) ----- X → emphasis
 <i>-----</i> → italic

Screen readers



 → break line

(it has no closing tag)

<hr>

HTML entities

(escape characters)

<|h3>
 ↑ ↑
 <|< <|>

{ < ;
 > ; }

- © ;
- & ;
- ♥ ;
- = ;
- × ;
- ÷ ;

... spaces

→ (html ignores) white

 (no break space)

pre → inline

✓ $C_6H_{12}O_6$ chemical

$C_3H_6O_3$ ✓ subscript (su)

$a^2 + b^2 = c^2$ superscript (sup)
up or