


{ Class will start }
at 9:05PM

Agenda

① CSS Refresher

- ↳ box Model, box sizing
- ↳ Overflow & quirks 3
- ↳ display & quirks 3

② Units → absolute, relative

Project → Header section

↳ pseudo classes

↳ pseudo selectors

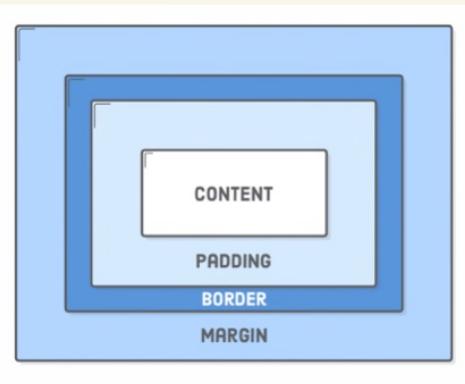
③ Specificity, cascading



↳ background

Box Model

↳ Every element in CSS is represented in the form of a box



↳ default

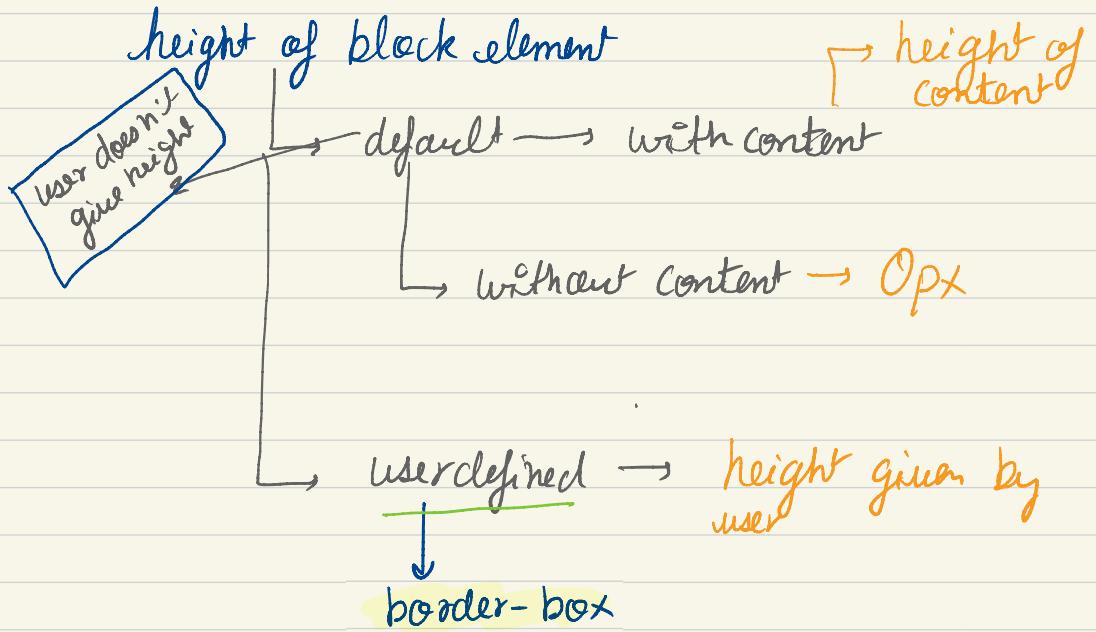
Element = Content + padding + border

default → height / width → content

border box → h / w → element

Content = Element - padding - border

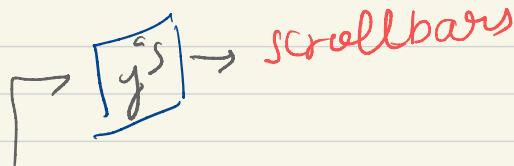
CSS overflow



Overflow → **height of content > user defined height of container**

Overflow values

visible: → default [Self Explanatory]



hidden: → removes extra content

clip → same as hidden but js will not
be able to add scroll bar

scroll: → add scroll in both side

auto: → add scrollbar if required

display

- default
- ① **Block**
- usage → to create block style lines
 - width → as much as possible
 - Next element → start on next line
- Ex → div, p, semantic tags

- ② **Inline**
- used to style a part of sentence
 - width → length of content
- Next element → next to it
- Ex → a, span

- ③ **Inline block**
- button
 - width → same as inline
 - Next element → same as inline
- We can give height and width to it

Property	Block	Inline	Inline block
Height → <i>User</i>	✓	✗	✓
width → <i>User</i>	✓	✗	✓
Vertical margin	✓	✗	✓
Horizontal margin	✓	✓	✓
Vertical border	✓	✓	✓
Horizontal border	✓	✓	✓
Padding	✓	✓	✓

Units



Absolute → px

Relative → percentage, rem, em

vh, vw

Relative units



rem ⇒ 1rem is equal to font size of html

em ⇒ 1em = font size of current elem if current

elem doesn't have a font size that it will be taken from your parent.

percentage → it's relative to your parent

vh, vw → directly proportional to your screen height and width

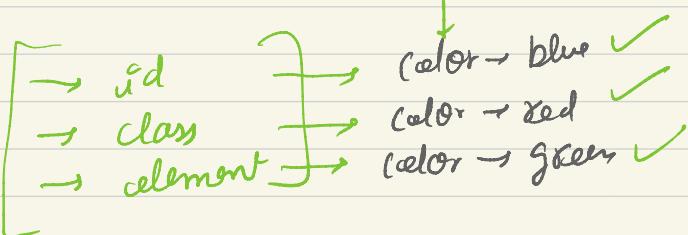
100vh → height of current visible screen

100vw → width of current visible screen

Specificity

`<h1> Hello </h1>`

`↓` `↓`
`id = unique` `class = "my class"`



`CS` → sees conflicting style → apply the most specific style

Specificity

↳ inherited < user agent < element < class < id < inline

More powerful → ! important

Cascading → if specificity is equal → check order ↑ then