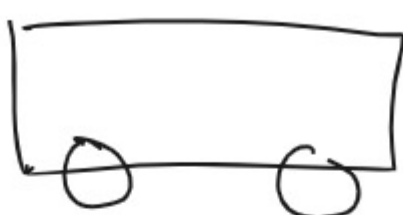


(Lecture No 17) (Modern Stack) CSS - Size Units

What is Size Unit?

Let talk with Example



A to B distance 200cm.

(A) $d = ?$ (B)

Font Display \rightarrow Size
width
height

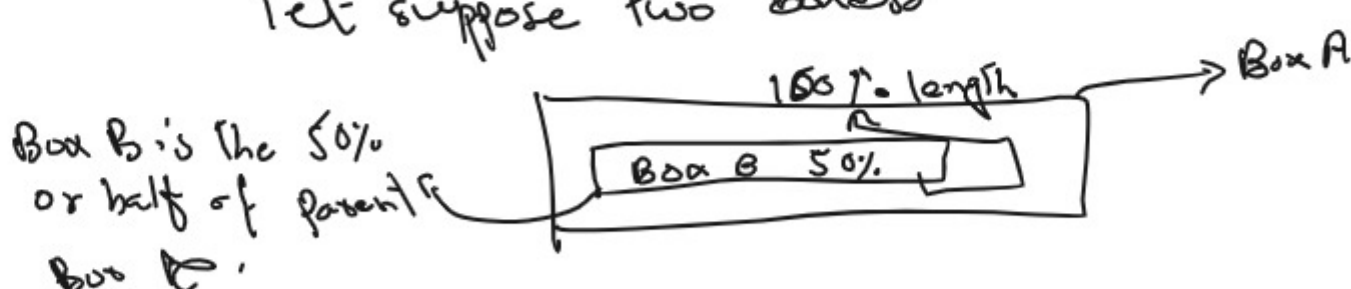
magnitude unit $\left\{ \begin{array}{l} 100km? \\ 100m? \\ 1000000cm? \end{array} \right.$

There are different type of units in CSS.

i) Absolute Units. ii) Fixed length

2cm \rightarrow Same for each case. iii) Relative Units.

Let suppose two boxes



(Start)

(Percentage) (%) \rightarrow Percentage always set from immediate parent

`<head>`

`<body>`

`<div style width=50%;>`

`</div>`

`</body>`

`</head>`

(Viewport height/width)

Q: What is Viewport?

\rightarrow complete screen that you shown

VW \rightarrow viewport width by default 100% \rightarrow 100vw

This is called viewport height 100vh.

③ (Pixel) \rightarrow $\frac{1}{96}$ of inch ≈ 0.26 mm ^{millimeter}

(pixel Dimension remain constant in all screens)

$\frac{1}{6}$ of inch

if Blue image \rightarrow one inch per pixel low.

ht image \rightarrow one inch per pixel high.

④ (em/dem) \Rightarrow it help alot while building ui/ux of website

\rightarrow relative Unit (Relative Unit to the Font size of

the element. 2em mean the Font size is 2 time high than current font.



rem that is depend on the root element like if i talk about default font-size is 16px when i set some fontsize like 10rem it will multiply 10*16 160px the new dimension for font size will be 160px;