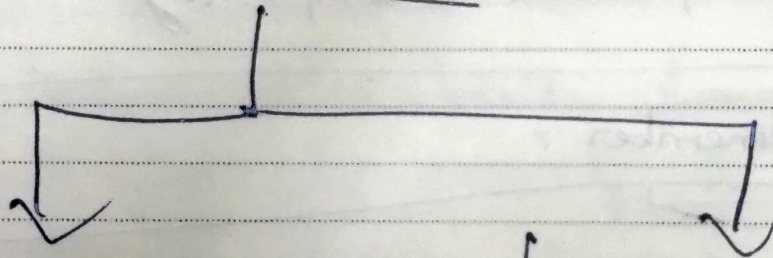


Flex : Display :

Direction : Display : Flex ; (inline Flex ;)
Flex-direction : column - row (reverse)

main axis , cross axis

Flex - basis : (width) :



If main-axis = "row"
(Flex-basis - width)

If main-axis = "column"
(Flex-basis - height)

Flex - layout: (child div)

* Order property

* Flex-wrap: nowrap \Rightarrow dummy

* Justify - content

* Align-items (Nowrap \otimes)

* If Flex-direction == "row";

Align-items \Rightarrow column.

Space around-gap

Space between - No gap

Space - evenly - even gap

clj Flex-direction == "column";

Align-items \Rightarrow row

(i.e) it works in cross axis.

* Align-Self (children property) \Rightarrow same works

in cross-axis.

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Sunday

* Align-content (wrap)

113-252

Week 17

\rightarrow works only when wrap is on.

\rightarrow works in cross axis.

Flex sizing:

→ Only set the (flex : 1 1 flex-basis)
on the container so then only wrap
works.

Content width < width < flex-basis < min-width /
max-width

↳ priority list of flexbox (Default)

Key points to remember :

Condition One	when no width is set, the screen can shrink upto minimum content height
Condition two	when width is set, it respects the width and until no longer and then switches to condition one
Condition three	when both width and flex-basis is set the width is ignored because of priority list and it respects flex basis while shrinking until no longer and then switches to condition 1.

Condition -
Four

when max-width is set along with flex-basis, it takes which is smaller. If flex basis is small it takes flex basis and if max-width is smaller it takes that and respects that until no longer and switches to condition one.

Condition
Five -

when flex-basis along with min width is set by priority it checks which one is bigger. If min width is big it takes that. If min-width is small then it takes flex basis. It respects that but while shrinking it shrinks upto min-width. Here condition one will not act. it acts upto min-width and it shrinks even to 0px.

Max-width, Min width,
Max-content-width, Min-content width

Tuesday


Grow and shrink properties :-

* It shrinks up to Flex-basis.


shrink to min-content width

min - width. (You can shrink even upto 0px if min-width is set)

Short hand for flex string:

flex: 1 1 0 \rightarrow  equal.

\downarrow \downarrow \downarrow
 grow shrink flex-basis

flex: 1 1  Auto

\downarrow

flex-basis is Auto

* flex basis (Auto) \rightarrow It means the ~~box~~ space will be allocated as per [content max width].

* And we can change the flex basis from auto to desired value. or 0 to equal spacing

Another easy short hand:

flex: 1 (1, 1, 0)