5. CSS FLEXBOX & MEDIA OVERIES

Units

Pixels: Tiny dots on the screen. They are absolute unit.

how many dots something should occupy hosiztally & vestically

font-size: 16px

Make my font 16 dots high

Uses:

-sto have mose precise control.

To style an element relative to its powent of containing element, this is used.

width: 80%;

b

coill take sor of parents width

Aexientages for margin & padding are calculated based on the width of containing element.

Absolute: Independent. Issespective of Screen size or any other element.

Relative. Dependent. Related to other elements.

Ex: Percentages

width: 50%;

Dord containing element

Use case=

Responsive UI, where you want observents to change size based on screen or parent element.

ViewPort width & ViewPort Height:

The entire web page that is visible is a viewpost.

To style on element selative to viewpost height/width this is used.

body &

width: 80va;

7. > Relative to passent Justin > Relative to web pages

REM:

Relative to the font-size of soot element (usually the chtml > tag).

font-size: 50 pa:

The font-size will semain

same even it somen size changes.

The size that look good in bookses won't look good in tablet or phone.

Différent size for différent device.

REM is what is defined in atml.

atml E

fort-size - 16 px

3

main-content {

font-size: 3 sem -> 3x16

5 48 bx

Z

Use: Great for consistent scaling across your coelesite, as they across seles to single base size.

REM is a solutive unit

Flexible Box > Powerful tool for Responsive design

It adjusts relative to the screen size.

Belose flexbox we have media quesq.

styling based on different screen

1000 - 1900 px screen size font-size: 19px

1500 - 1900 pt

Pain point to create responsive designs.

Flexbox: Layout model in CSS.

Hates arranging elements easier.

display: flex;

Vou ave creating a flex container.

flex containes

D

D

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flex items

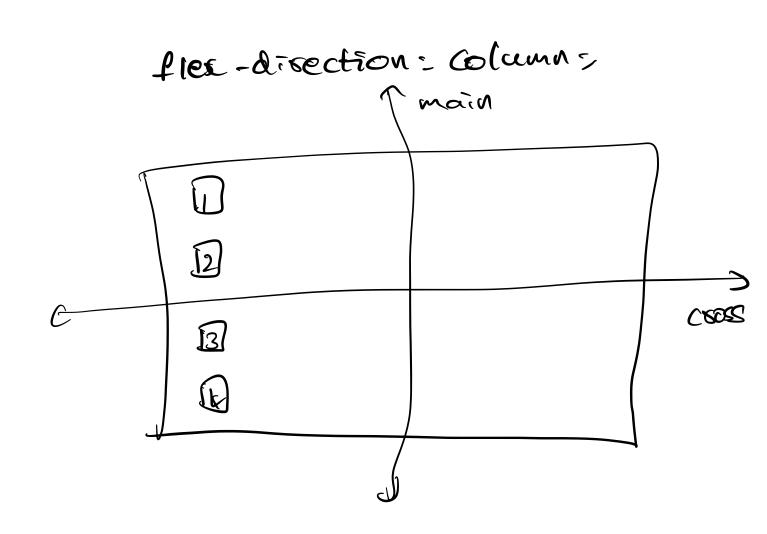
Any children within the container
are flex items.
follow sules & behavior defined by flexbox layout model.
Properties: S Flex items are arranged in a row.
of flex box is used for 1Dimensional layouts.
fier IDBILD Stock IDBILD Alexandrend

b flex end

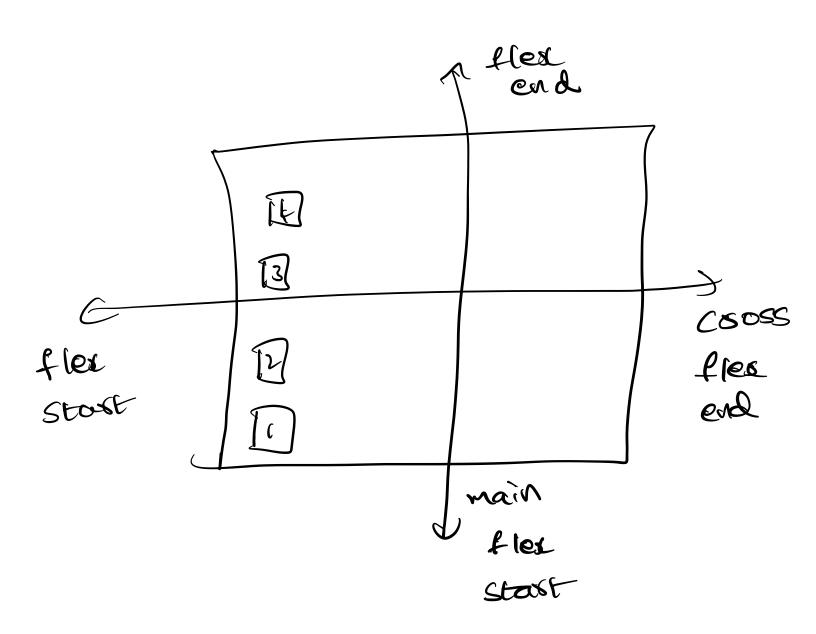
Main Axis > X (default) Cooss Axis > Y (default)

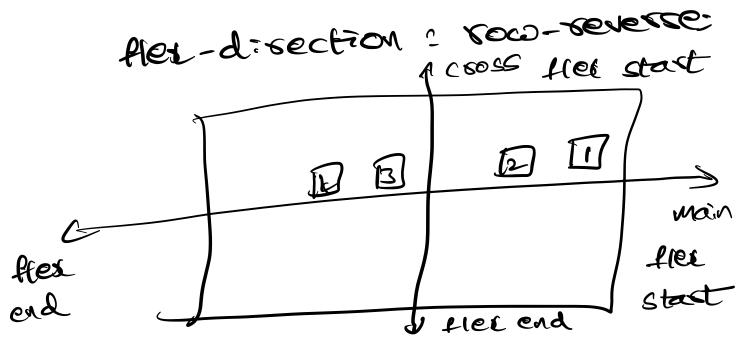
By default flex disection is soon by default flex disection is soon axis. I elements are arranged on main axis.

what axis in main & what axis is coose is defined by flex direction.



flex-disection: column-severse;

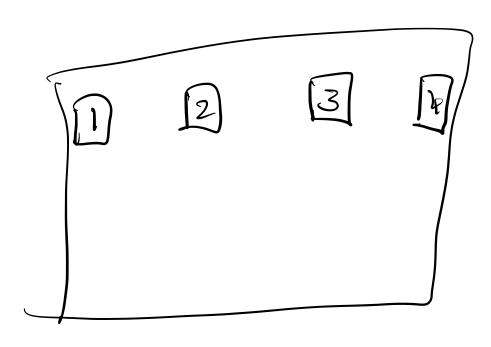




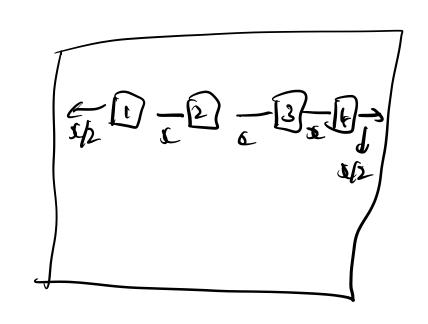
justify-content: space between:

to position flex; tems

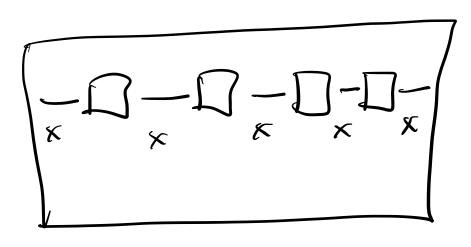
space of state end but equal space between items.



justify-content: space around; space before & after first & last item. Let's say space between items is a.



justify-content: space even;



All elements are evenly spaced

align-items: flex-start;

To position items

actors cross outs.

atign-items: baseline:

items are aligned across test base times

Useful when items having vaxying fant sizes of text content.

Even though put is absolute unit, when they are given for flex items, the items will shrink to accommodate.

To sespect the values given,

flex-wap: no-wap:

b

lefault value

items sill shrink

flex-weap: weap;

Items will be added to new line