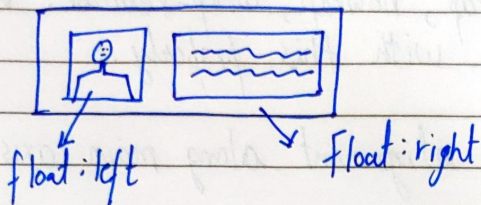


Chapter 6 - Flexbox

Before we look into the CSS flexbox, we will look into float and clear properties.

The float property

Float property is simple. It just flows the element towards left/right



The clear property

Used to clear the float. It specifies what elements can float beside a given element

clear: left/right/both

The CSS flexbox

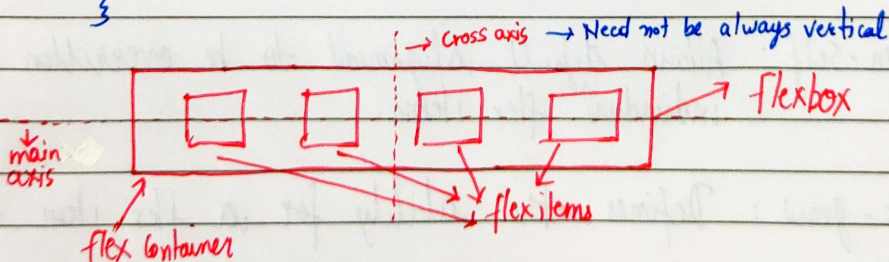
Aims at providing a better way to layout, align and distribute space among items in a container.

Container {

display: flex;

}

⇒ Initialize a flexbox



flex-direction property

Defines the direction towards which items are laid.
Can be row, row-reverse, column, column-reverse
default

flex properties for parent (flex container)

Following are the properties for the flex parent:

- 1 flex-wrap: Can be wrap, nowrap, wrap-reverse. Wrap items as needed with this property.
- 2 justify-content: Defines alignment along main axis.
- 3 align-items: Defines alignment along cross axis.
- 4 align-content: Aligns a flex container's lines when there is extra space in the cross axis.

Flex properties for the children (flex items)

Following are the properties for the flex children:

- 1 order: Controls the order in which the items appear in the flex container
- 2 align-self: Allows default alignment to be overridden for the individual flex items.
- 3 flex-grow: Defines the ability for a flex item to grow

4 flex-shrink : Specifies how much a flex item will shrink relative to the rest of the flex items.

