**Flex Box**

Flex box say pehle hum kya istamal krty thy

* Block, for sections in a webpage
* Inline, for text
* Table, for two-dimensional table data
* Positioned, for explicit position of an element

**Purpose of flexbox**

* Easy to design a layout
* Responsive layout structure
* Not use float & position

**Working**

Jb hum display:flex; likhe gye tb flexbox kaam krna start kary ga

**Properties of Flexbox**

The flex container properties are:

* Flex-direction
* Flex-wrap
* Flex-flow
* Justify-content
* Align-items
* Align-content

**Flex-direction Property**

* Column (arrange item from top to bottom)
* Row (arrange item from left to right)
* Reverse column & row (arrange item in reverse order)

**Flex-wrap Property**

* Wrap (For Responsive page)
* Nowrap(By default nowrap active hota)
* Wrap-reverse (niche wala content upper aor upper wala content niche a jaye ga)

**Flex-flow Property**

* Combination of flex-direction & flex-wrap property

**justify-content Property**

* Use to align a flex item
* Center (items ko container k darmiyan may krny k liye)
* Flex-start (items ko container k start may krny k liye) (by default)
* Flex-end (item ko container k end may krny k liye)
* Space-around (item k before, between & after may space lay k any k liye )
* Space-between (item k darmiyan may space dyne k liye)

**align-item Property**

* Use to align a flex item
* Center (item in the middle of the container)
* Flex-start (item at the top of the container)
* Flex-end (item at the bottom of the container)
* Stretch (item to fill the container)
* Base-line (item such as their baseline aigns)

**align-content Property**

* Use to align the flex line
* Center (flex lines in the middle of the container)
* Flex-start (flex lines at the start of the container)
* Flex-end (flex lines at the end of the container)
* Stretch (flex lines to take up the remaining space) (this is default)
* Space-around (flex lines with space before, between & after them)
* Space-between (flex lines with equal space between them)

**Position Centering**

justify-content:center;

align-items:center;

**Flex items Property**

* order
* flex-grow
* flex-shrink
* flex-basis
* flex
* align-self

**Flex Order Property**

* apni marzi say flex ki item ko arrange krna

**Flex-grow Property**

* flex item ko apni mrzi say bara krna

**Flex-shrink Property**

* flex item ko apni mrzi say chota krna

**Flex-basis Property**

* flex item ko start pr kasa dakhna

**Flex Property**

* shorthand property for flex-grow, flex-shrink & flex-basis

**align self Property**

* the alignment for the selected item inside the flexible container.
* Center
* Start
* end