

Lecture-6

Coding Blocks - Kartik Mathur

CSS

Class Agenda

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Units-vh/vw

02

Flexboxes

03

Assignment-Flexbox

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CSS Units: vh/vw

```
2 <html lang="en">
3 <head>
4   <meta charset="UTF-8">
5   <meta name="viewport" content="width=device-width, initial-scale=1.0">
6   <title>Document</title>
7   <style>
8     body{
9       margin: 0;
10      padding: 0;
11    }
12
13    div{
14      height: 200vh;
15    }
16  </style>
17 </head>
18 <body>
19
20   <div style="background-color: #00FFFF;">
21     I am a div
22   </div>
23 </body>
```

Positions - CSS

Flexboxes

- Flexbox (Flexible Box) is a CSS layout module designed for efficient alignment and distribution of elements.
- It enables responsive designs without using float or positioning.

Positions - CSS

Setting up Flexboxes

```
.container {  
    display: flex; /* Enables Flexbox */  
}
```

<https://css-tricks.com/snippets/css/a-guide-to-flexbox/>

Positions - CSS

Flex directions

- Defines the direction of flex items inside a container.
- Possible values:
 - row (default) – Items arranged horizontally.
 - row-reverse – Items arranged in reverse order.
 - column – Items arranged vertically.
 - column-reverse – Items arranged in reverse vertical order

```
.container {  
    flex-direction: row-reverse;  
}
```

Positions - CSS

Flex directions

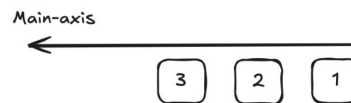
By default all elements goes around main axis

flex-direction: row

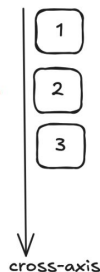


Main-Axis ko rotate kar dega

flex-direction: row-reverse



flex-direction: column

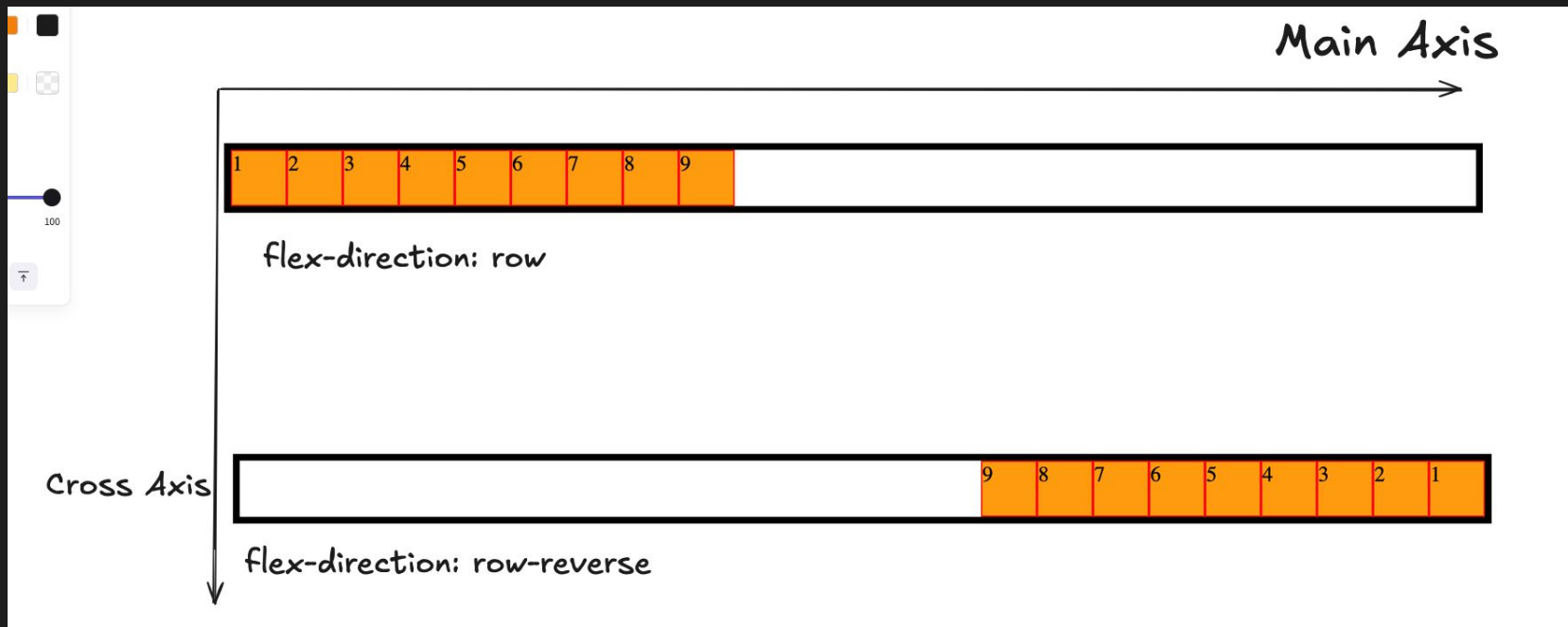


flex-direction: column-reverse



Positions - CSS

Flex directions



Positions - CSS

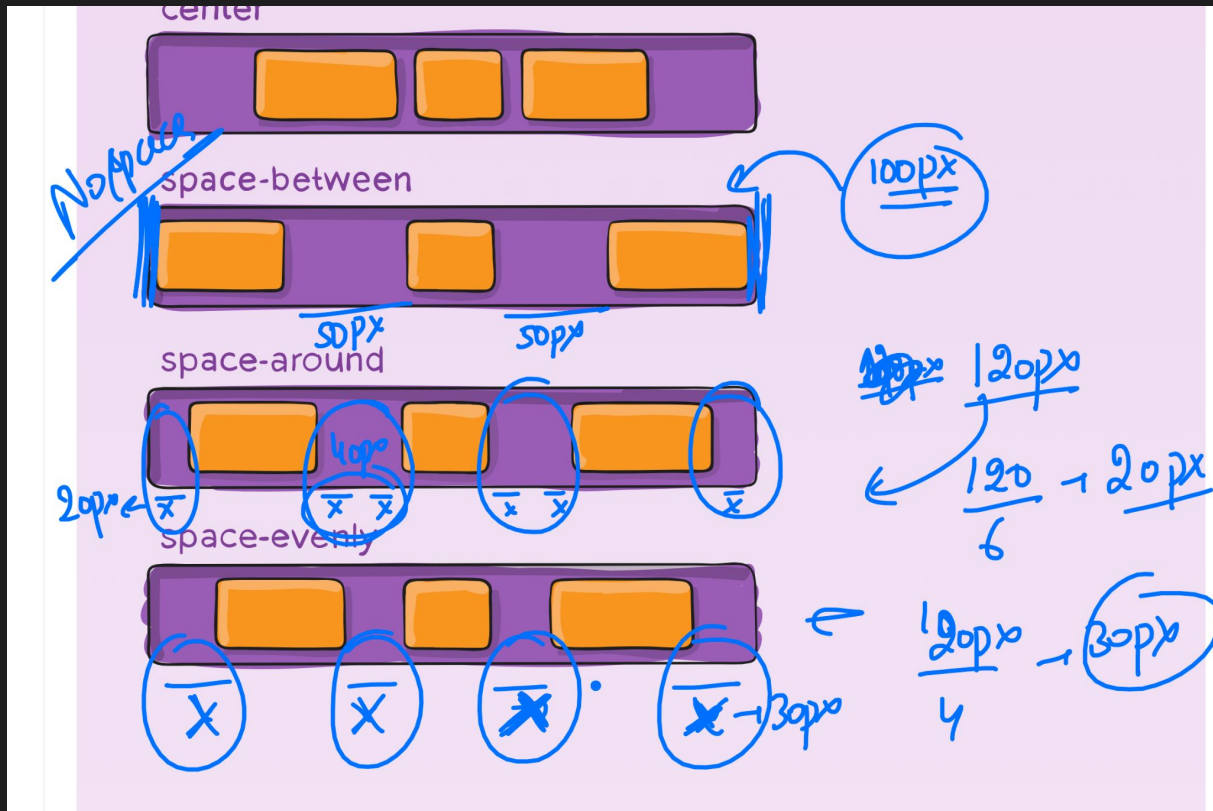
Flex Wrap

- Controls how flex items behave when there isn't enough space.
- Possible values:
 - nowrap (default) – Items stay in a single row/column.
 - wrap – Items move to the next line when necessary.
 - wrap-reverse – Items wrap in reverse order.

```
.container {  
    flex-wrap: wrap;  
}
```

Positions - CSS

Justify content



Positions - CSS

Assignment - Flexboxes

FlexBox Card Layout



Card Title 1

Short description for card 1.



Card Title 2

Short description for card 2.



Card Title 3

Short description for card 3.



Card Title 4

Short description for card 4.

Positions - CSS