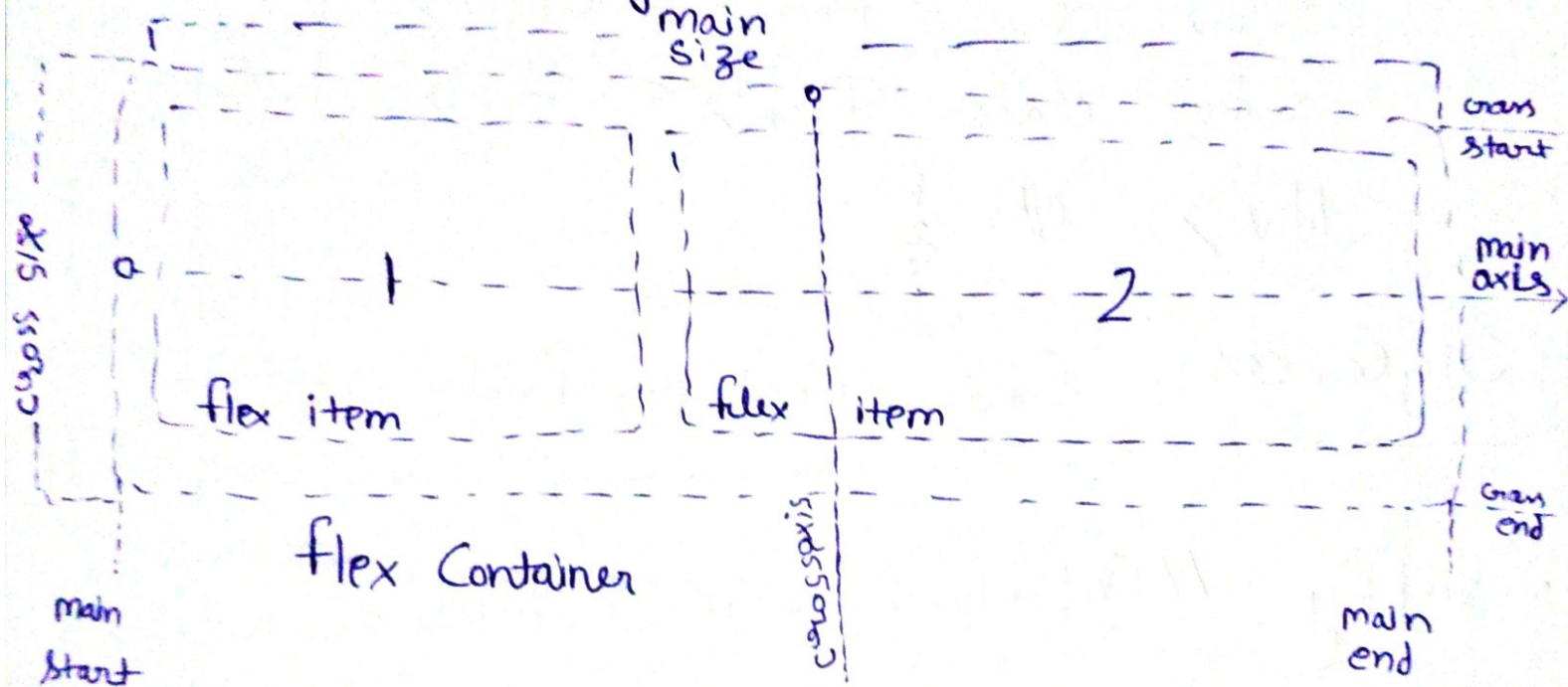


CSS FLEXBOX

- Stands for Flexible Box
- Aims at providing an efficient and easy way to align items in a container.
- It is direction Agnostic!



Note: The flex direction is horizontal by default.

Flex Container

```
<div class = "container">
```

```
<div class = "item"> 1 </div>
```

```
<div class = "item"> 2 </div>
```

```
<div class = "item"> 3 </div>
```

```
<div class = "item"> 4 </div>
```

```
<div class = "item"> 5 </div>
```

Flex Items

```
</div>
```

o/p
1
2
3
4
5Style.cssFlex Container Properties

- display // Important to make flexbox

display: flex ⇒ 1 2 3 4 5

flex-direction

flex-direction: row ⇒ 1 2 3 4 5

flex-direction: column ⇒
1
2
3
4
5

flex-direction: row-reverse 5 4 3 2 1

flex-direction : column-reverse

5
4
3
2
1

• Justify-Content

- Justify-Content : Center

1 2 3 4 5

- Justify-Content : flex-end

1 2 3 4 5

- Justify-Content : flex-start

1 2 3 4 5

• align-items

- align-items : Center

↑
1 2 3 4 5

↓

- align-items : flex-start

1 2 3 4 5

↑

• align-items: flex-end

↓
1 2 3 4 5

• justify-content

: space-around

⇔ 1 ↔ 2 ↔ 3 ↔ 4 ↔ 5 ↔
↓
Equal/Even space b/w
all Content

: space-between

1 ↔ 2 ↔ 3 ↔ 4 ↔ 5
↓
Equal space b/w
all Content

• flex-wrap

• flex-wrap: wrap

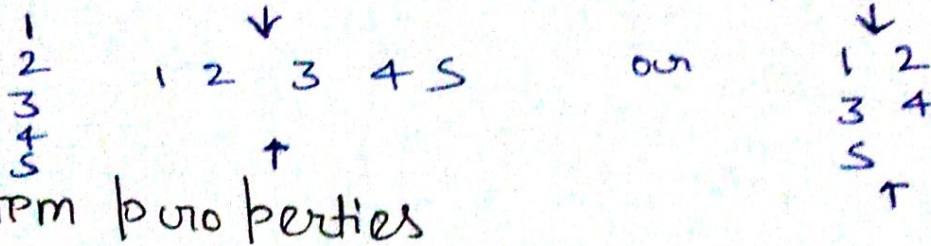
1 2 3 4 5 ⇒ →
1
2
3
4
5

• flex-wrap : wrap around



• flex-flow

• flex-flow : Column wrap



Flex Item properties

• item

Order : 3

• order

2 3 1 4 5

• flex-grow

• flex-grow : 3

1 2 3 4 5

• flex-shrink

• flex-shrink : 2

1 2 3 4 5 \Rightarrow \longrightarrow 1 2 3 4 5 \leftarrow

align-self

Center, flex-start

↓

2

3

4

5

1

↑