

Nation Code

HTML and CSS

Intro to CSS

{codenation}[®]

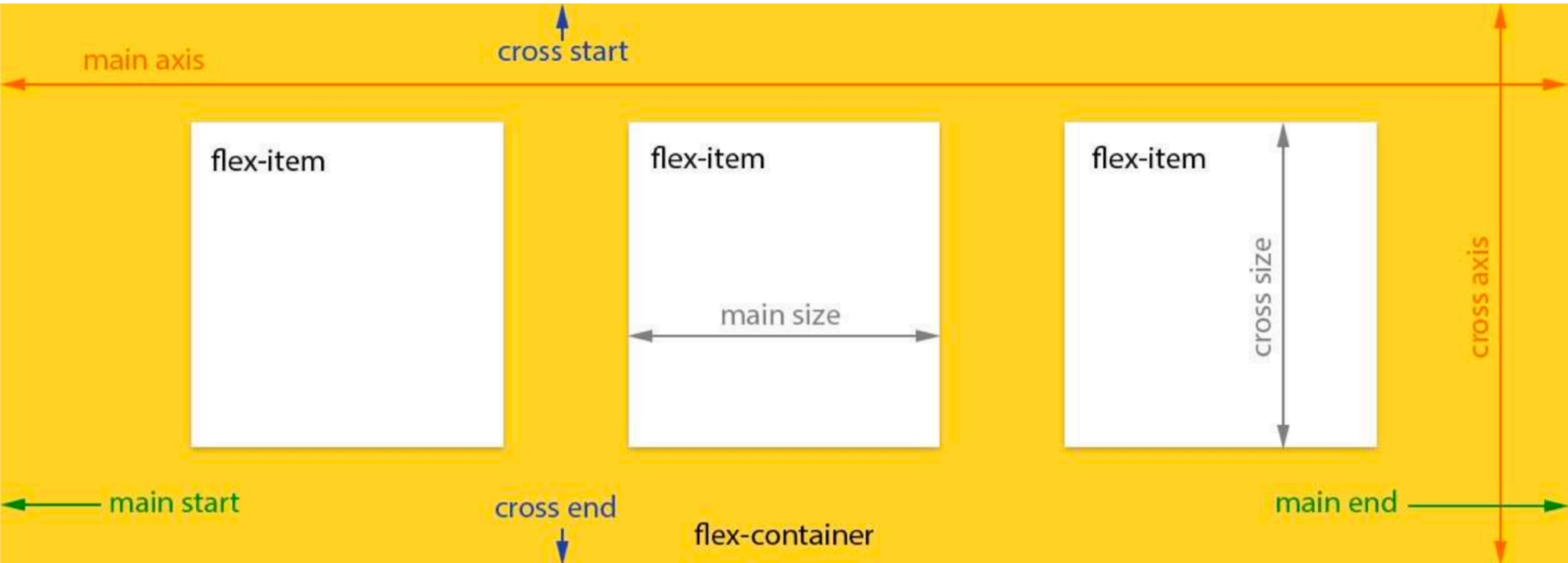
Learning Objectives

- To understand what flexbox is and what it's used for
- To understand basic flexbox syntax and apply them to your webpage

CSS flexbox

Flexbox layout

New in CSS3 to improve items alignment, directions and order in the container, dynamic or unknown size.



Flex direction

Flex-direction

```
.container {  
  display: flex;  
  min-height: 100vh;  
  flex-direction: row;  
}
```

This defines a flex container.

Flex-direction

```
.container {  
  display: flex;  
  min-height: 100vh;  
  flex-direction: row;  
}
```

This defines the minimum height of each div

Flex-direction

```
.container {  
  display: flex;  
  min-height: 100vh;  
  flex-direction: row;  
}
```

This defines the flex direction, row is set as default.

Flex-direction

```
.container {  
  display: flex;  
  min-height: 100vh;  
  flex-direction: row;  
}
```

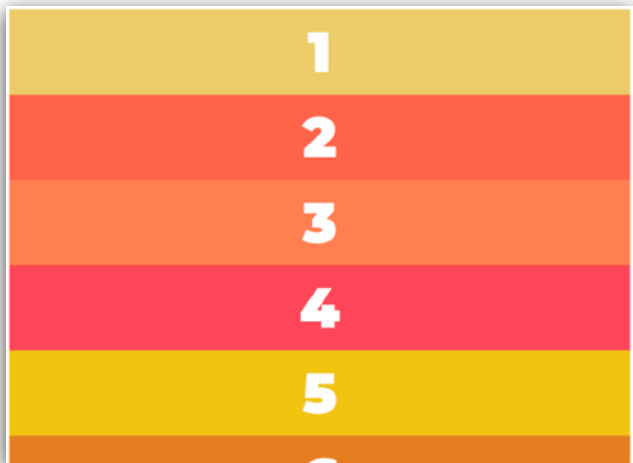


This defines the flex direction, row is set as default.

Flex-direction



`flex-direction: row;`

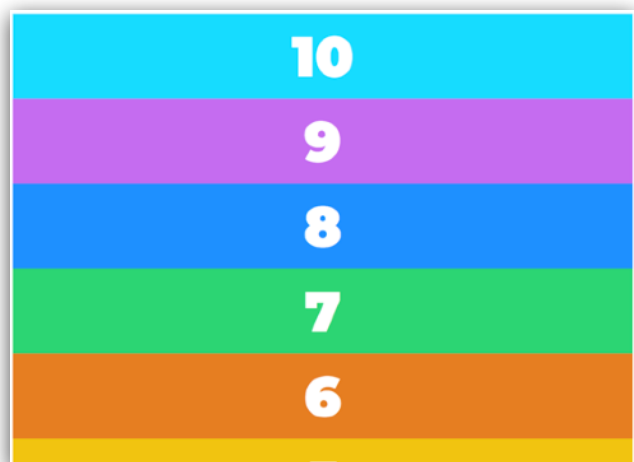


`flex-direction: column;`

Flex-direction



`flex-direction: row-reverse;`



`flex-direction: column-reverse;`

Wrapping

Setting the width

```
.box {  
  color:white;  
  font-size: 100px;  
  font-family: 'Montserrat Alternates', sans-serif;  
  text-align: center;  
  padding:15px;  
  width: 400px;  
}
```

Currently the width is set to 400 px

Setting the width



Width not set



Width set to 400px

Flex-wrap

```
.container {  
  display: flex;  
  min-height: 100vh;  
  flex-wrap: nowrap;  
}
```



This defines the flex wrap, no wrap is default

Flex-wrap

1	2	
3	4	
5	6	
7	8	
9	10	

`flex-wrap: wrap;`

9	10	
7	8	
5	6	
3	4	
1	2	

`flex-wrap: wrap-reverse;`

Setting the width

```
.box {  
  color:white;  
  font-size: 100px;  
  font-family: 'Montserrat Alternates', sans-serif;  
  text-align: center;  
  padding:15px;  
  width: 33.3333%;  
}
```

1	2	3
4	5	6
7	8	9
10		

Change to 33.3333% so it will even out the space

Flex property

Setting flex property

```
.box {  
  color:white;  
  font-size: 50px;  
  font-family: 'Montserrat Alternates', sans-serif;  
  text-align: center;  
  padding:15px;  
  flex: 1;  
}
```



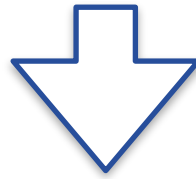
1 is default

Setting flex property

```
.container {  
  display: flex;  
}
```

Already set flex in container

Setting flex property



```
.box2 {  
  flex: 2;  
}
```

Gives priority to box 2.

Learning Objectives

- To understand what flexbox is and what it's used for
- To understand basic flexbox syntax and apply them to your webpage

Activity

Create a div to include a navigation bar. Apply flexbox syntax to the navigation bar.





More info:

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