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# Frontend Study

## - CSS Flex

: CSS Flex 사용법



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5기 이용욱

## 기본 구조

```
<div class="container">  
  <div class="item">helloflex</div>  
  <div class="item">abc</div>  
  <div class="item">helloflex</div>  
</div>
```

```
.container {  
  display: flex;  
  /* display: inline-flex; */  
}
```

## Flex 와 Inline flex

flex



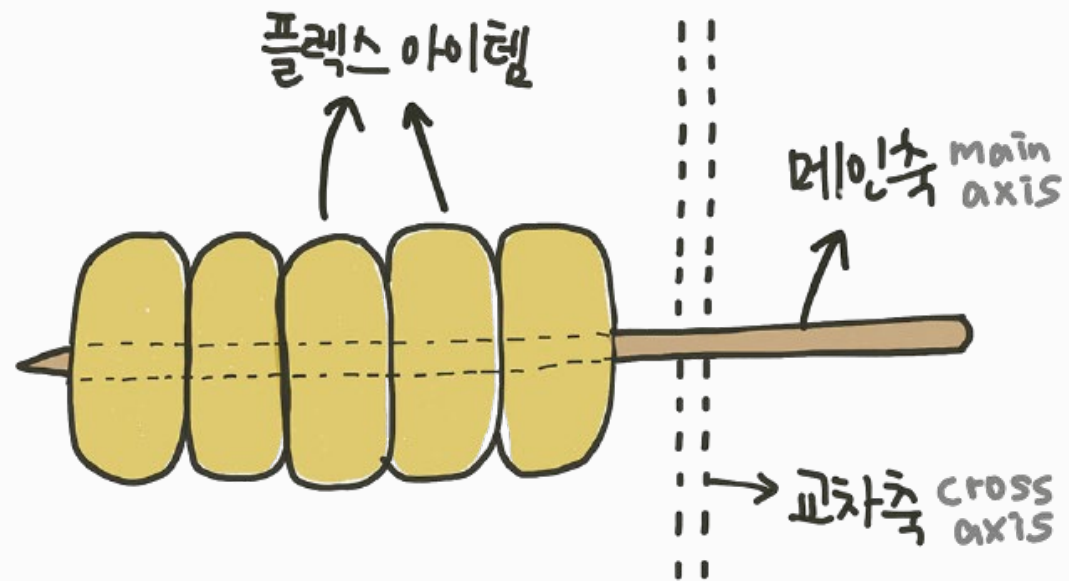
ABC

inline - flex



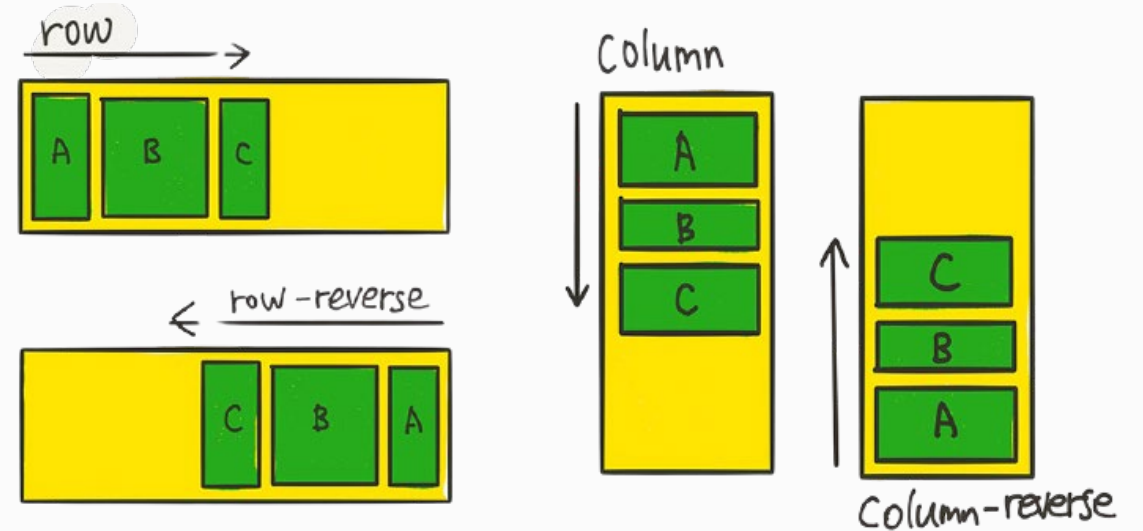
ABC

# Main axis 와 Cross axis



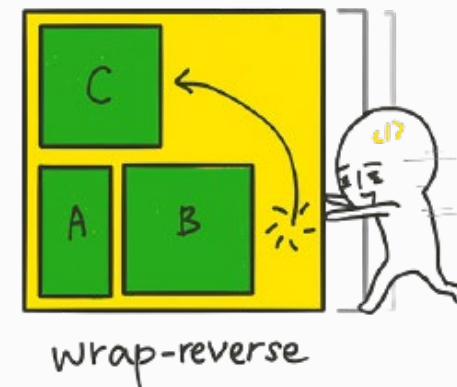
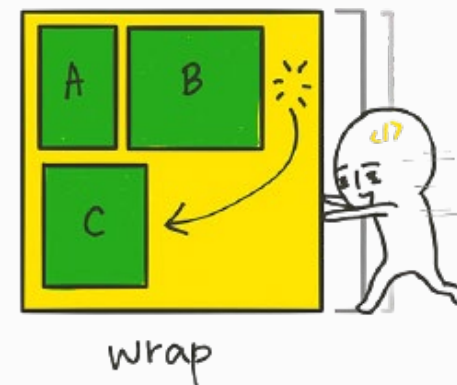
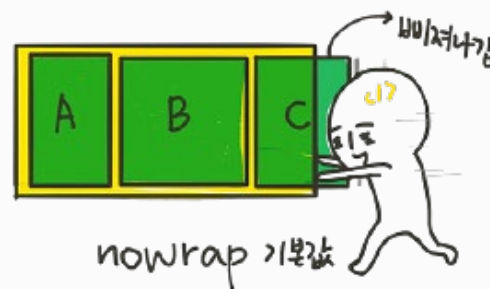
# Flex-direction

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



# Flex-wrap

```
.container {  
  flex-wrap: nowrap;  
  /* flex-wrap: wrap; */  
  /* flex-wrap: wrap-reverse; */  
}
```



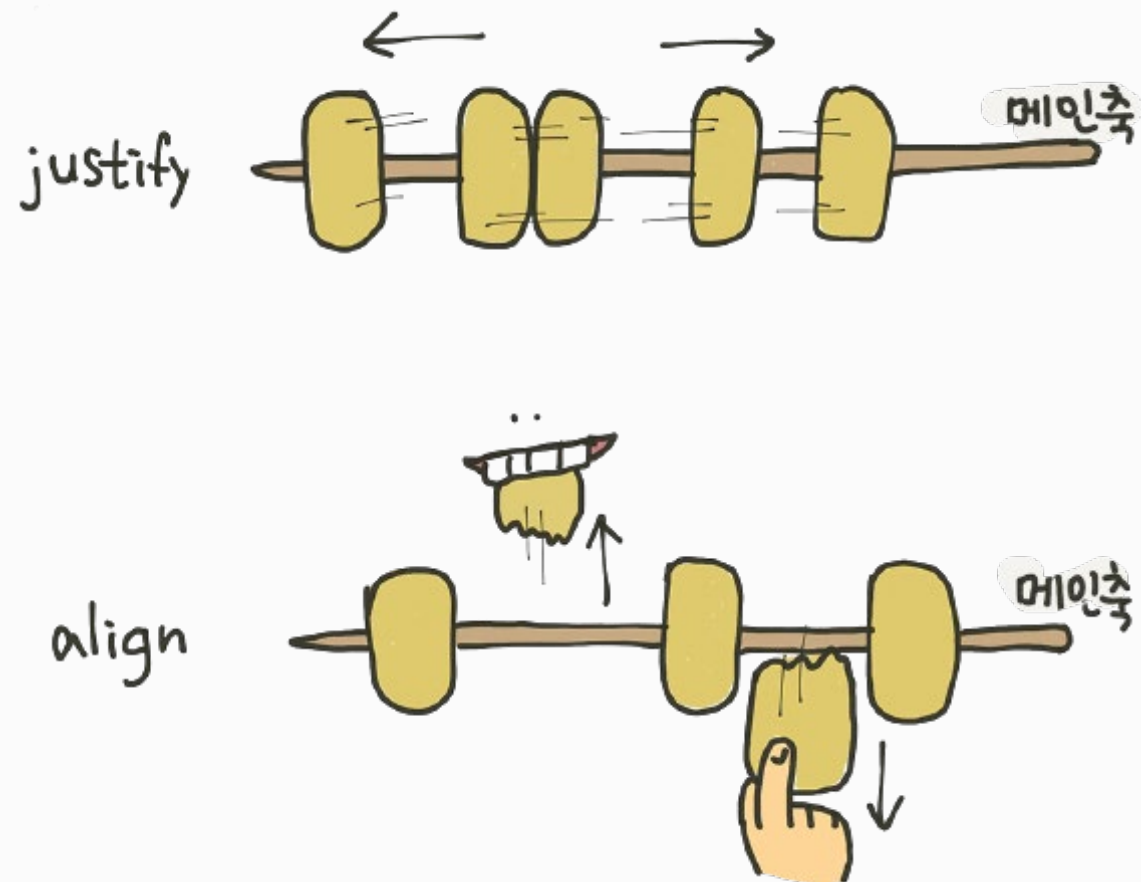
# Flex-flow

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



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

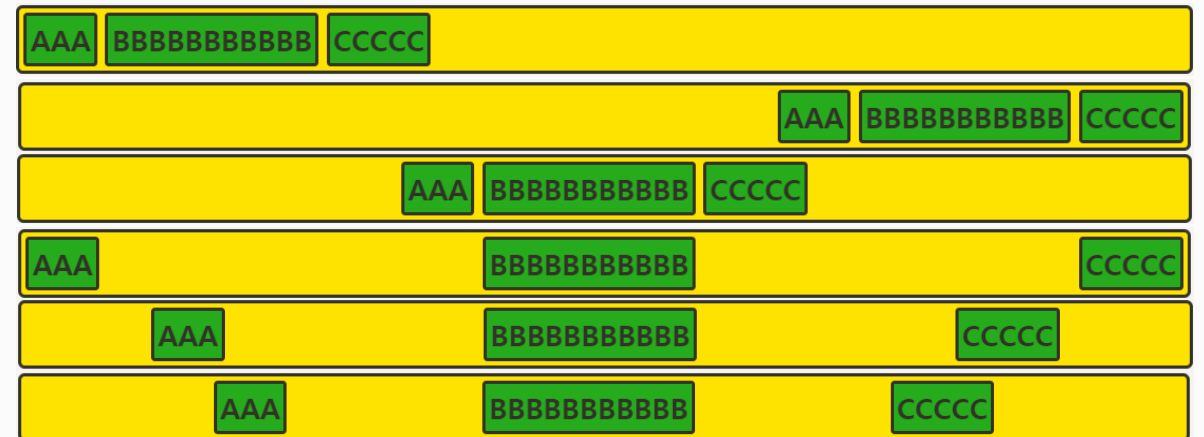
# Justify 와 Align





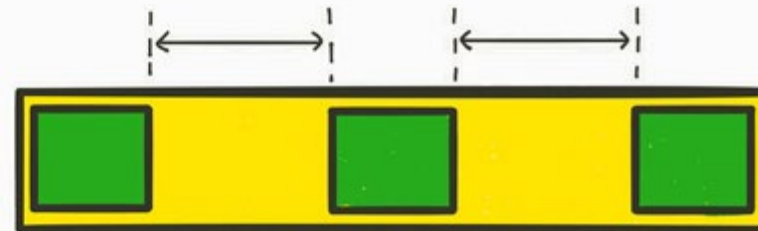
# justify-content

```
.container {  
  justify-content: flex-start;  
  /* justify-content: flex-end; */  
  /* justify-content: center; */  
  /* justify-content: space-between; */  
  /* justify-content: space-around; */  
  /* justify-content: space-evenly; */  
}
```

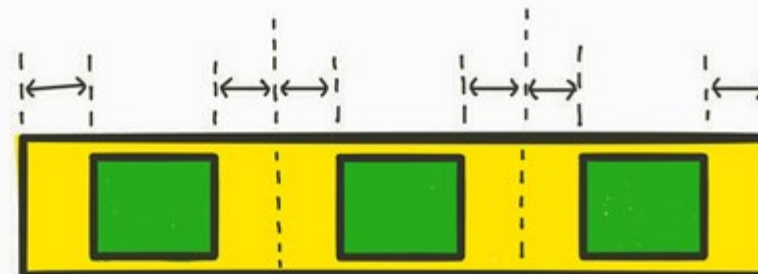


Space-between,  
around,  
evenly

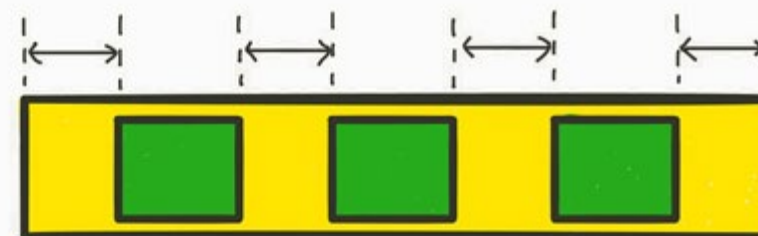
space-between



space-around



space-evenly



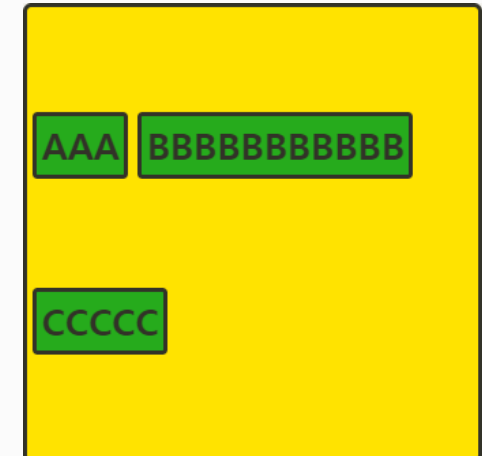
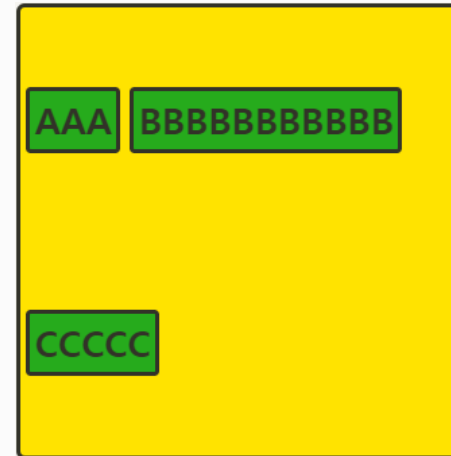
# align-items

```
.container {  
  align-items: stretch;  
  /* align-items: flex-start; */  
  /* align-items: flex-end; */  
  /* align-items: center; */  
  /* align-items: baseline; */  
}
```



# align-content

```
.container {  
  flex-wrap: wrap;  
  align-content: stretch;  
  /* align-content: flex-start; */  
  /* align-content: flex-end; */  
  /* align-content: center; */  
  /* align-content: space-between; */  
  /* align-content: space-around; */  
  /* align-content: space-evenly; */  
}
```

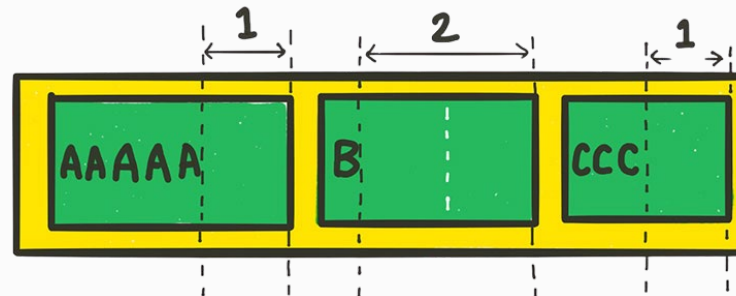


# flex-basis & flex-grow & flex-shrink

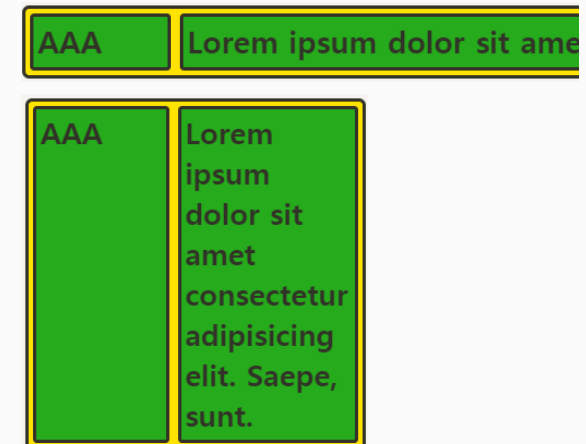
```
.item {  
  flex-basis: 100px;  
}
```



```
.item:nth-child(1) { flex-grow: 1; }  
.item:nth-child(2) { flex-grow: 2; }  
.item:nth-child(3) { flex-grow: 1; }
```



```
.item {  
  flex-shrink: 0;  
}
```



# order

```
.item:nth-child(1) { order: 3; } /* A */  
.item:nth-child(2) { order: 1; } /* B */  
.item:nth-child(3) { order: 2; } /* C */
```



# Z-index

```
.item:nth-child(2) {  
  z-index: 1;  
  transform: scale(2);  
}
```



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**THANK YOU**

감사합니다~

