

# 4주차 Flex, Grid

김현민

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01

# Flex란?

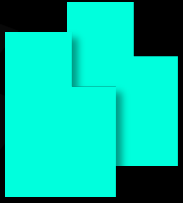
당신은 이제 Flex를 사용할 수 있을 것이다.

## Flex 란?

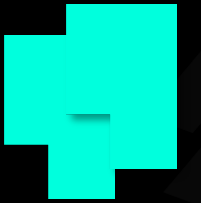


## 기존의 Container

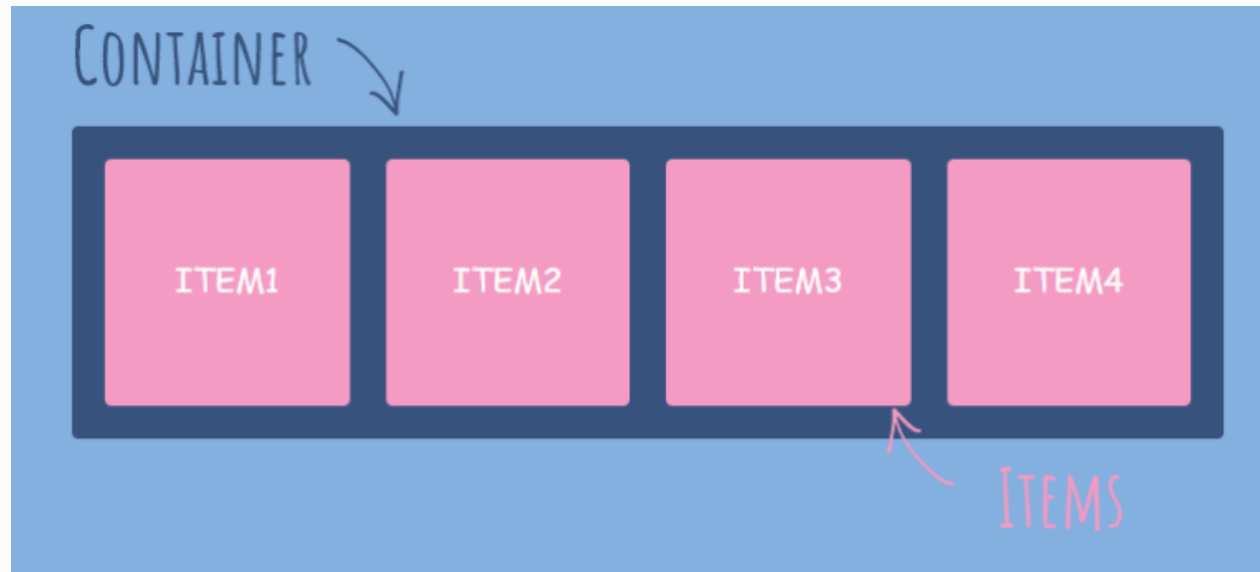
위에서 아래로 수직 방향



그렇다면 수평으로는 어떻게 하지?



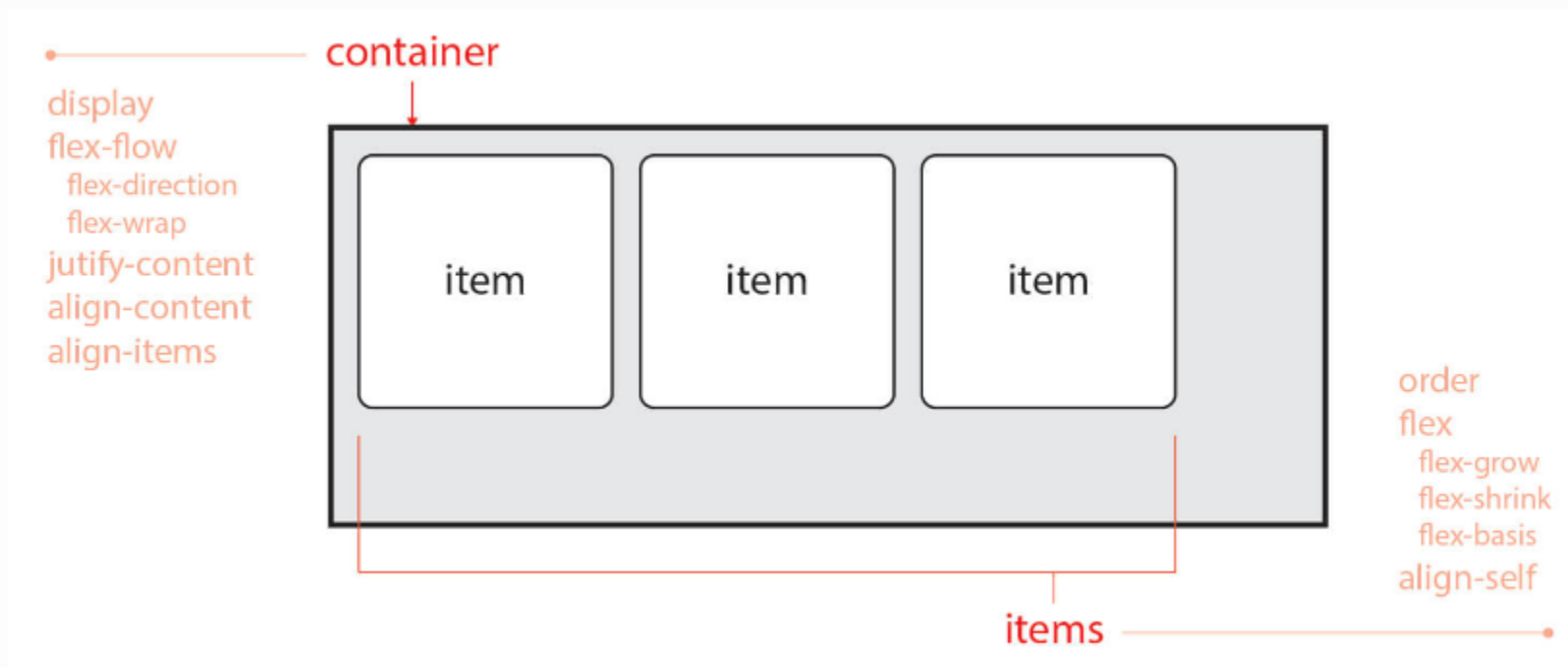
# Flex 란?



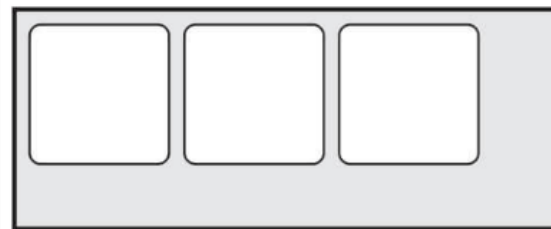
## Flex

Container의 Item들을 수평으로 구성할 수 있는 것

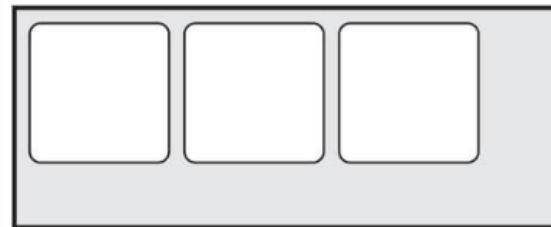
# Flex 란?



# Container - display

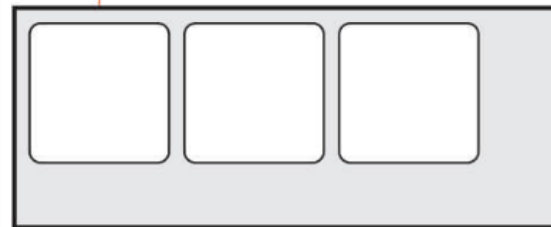


display: *flex*;

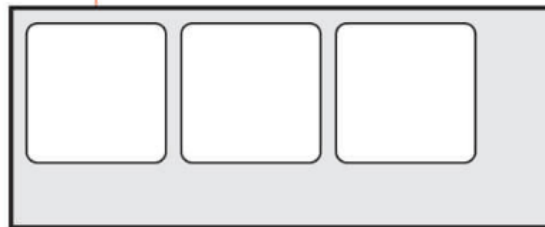


display: *flex*;

display: *inline-flex*;

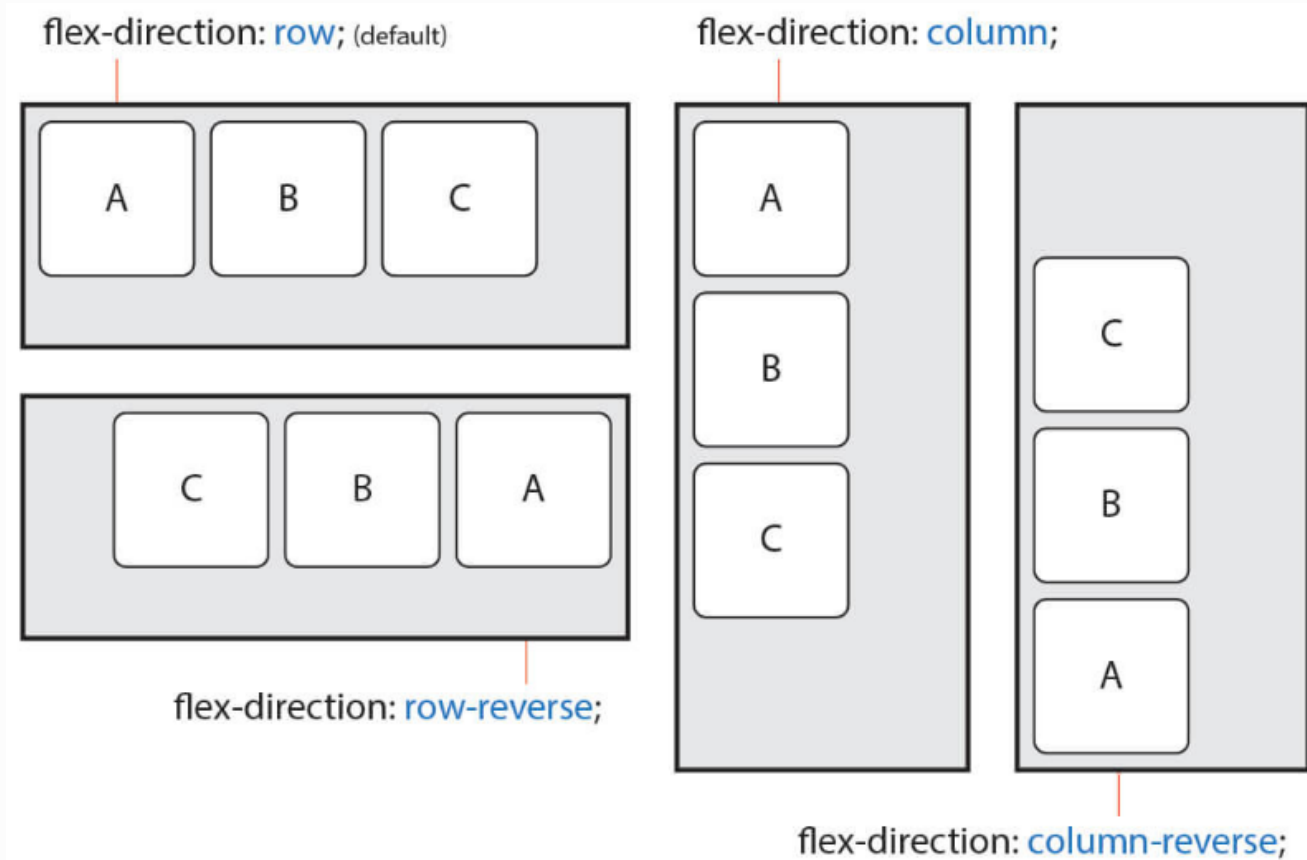


display: *inline-flex*;

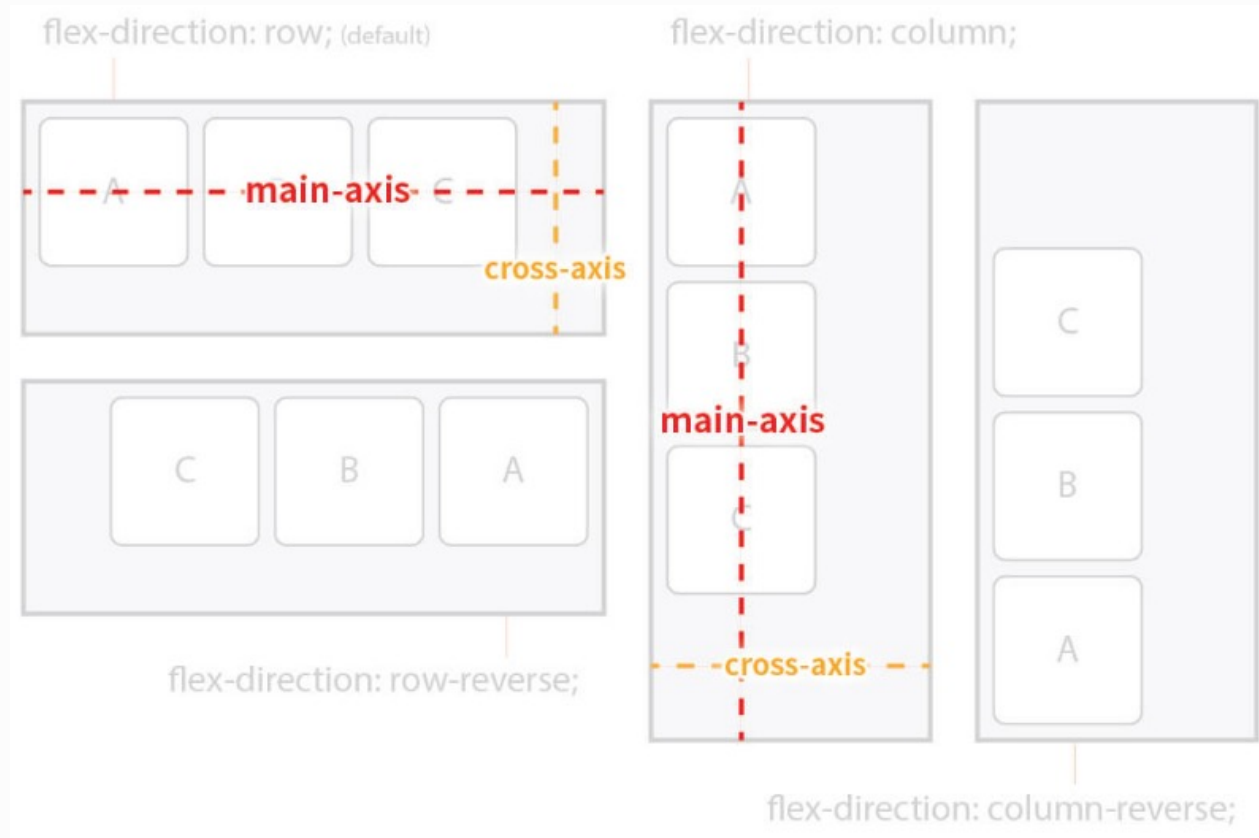




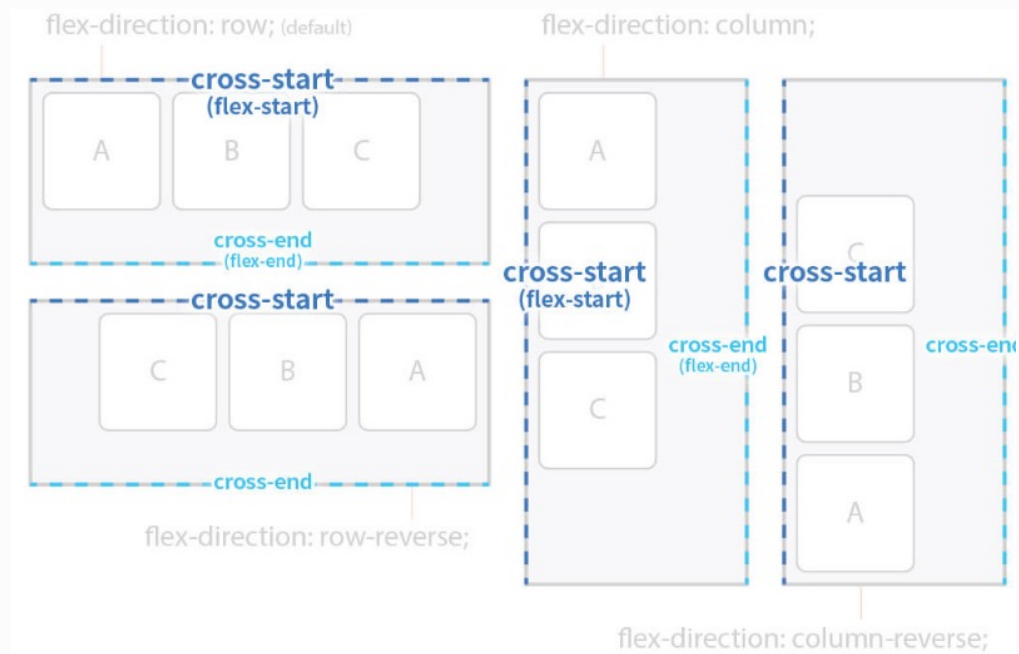
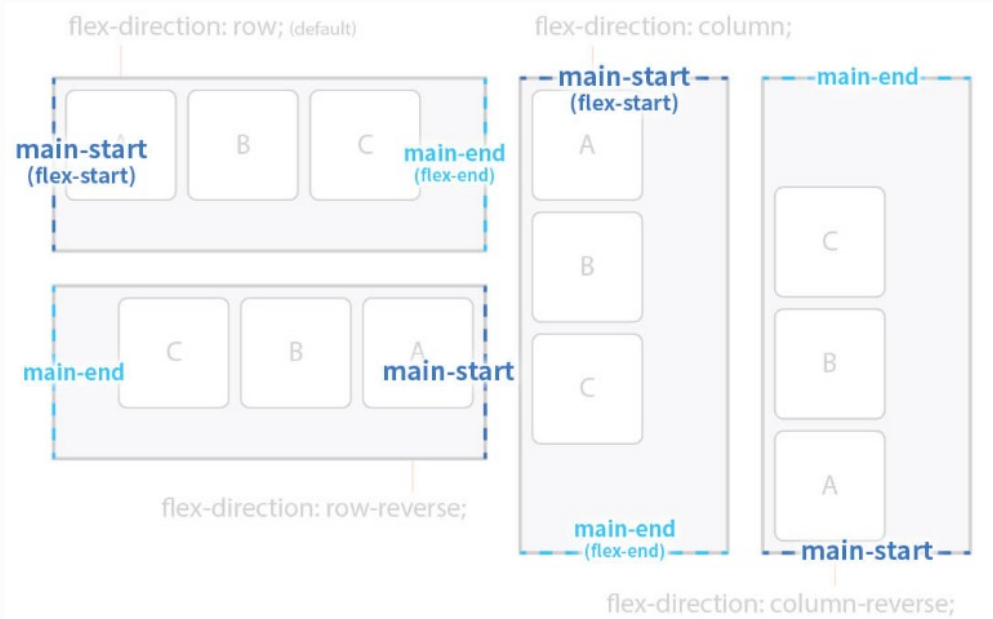
# Container - flex-direction



# 주 축과 교차 축

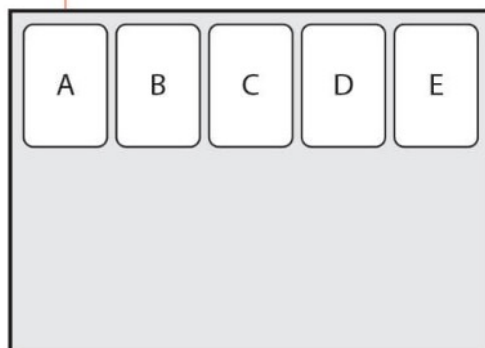


# 시작점과 끝점

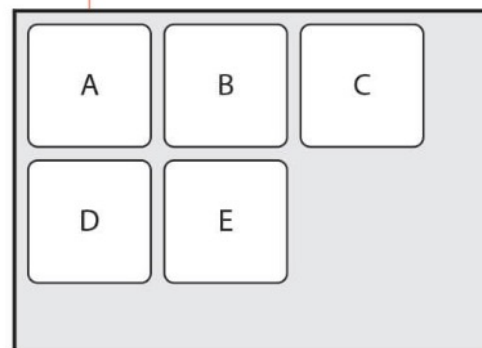


# Container - flex-wrap

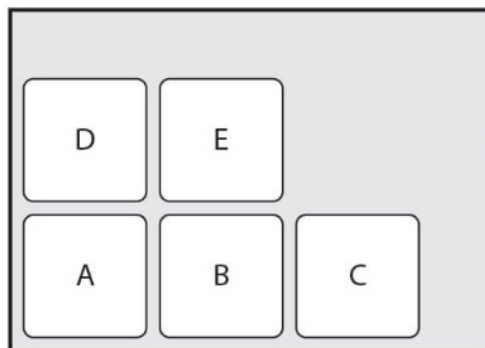
flex-wrap: nowrap; (default)



flex-wrap: wrap;

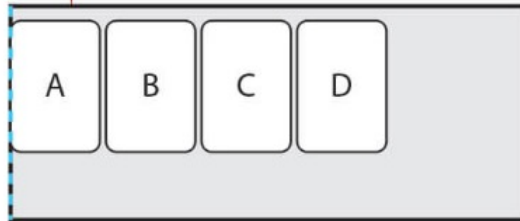


flex-wrap: wrap-reverse;

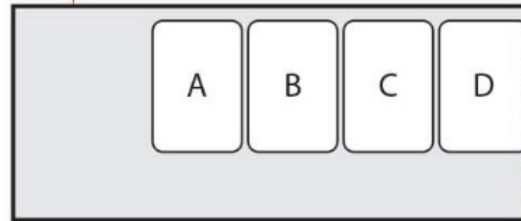


# Container - justify-content

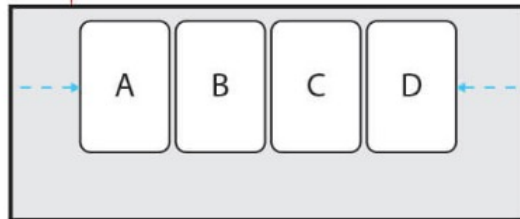
justify-content: **flex-start**; (default)



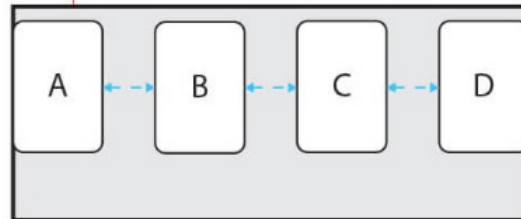
justify-content: **flex-end**;



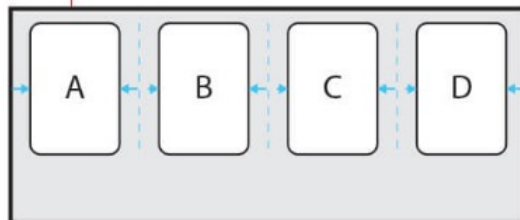
justify-content: **center**;



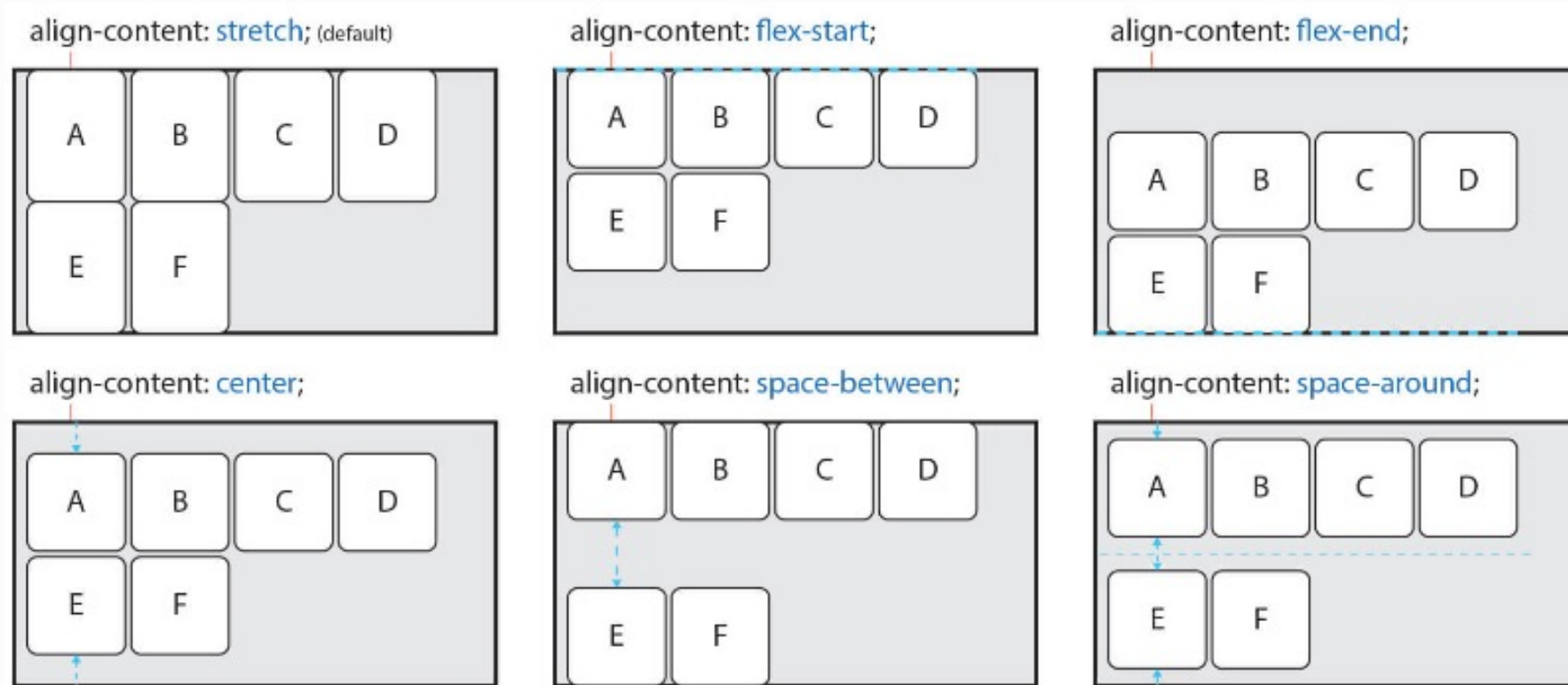
justify-content: **space-between**;



justify-content: **space-around**;



# Container - align-content

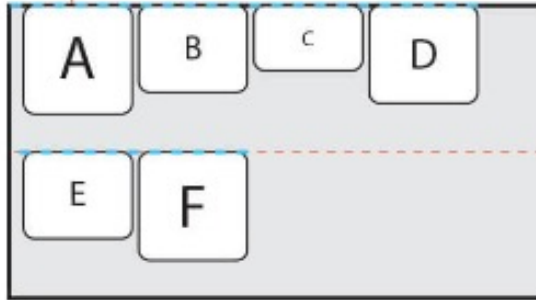


# Container - align-items

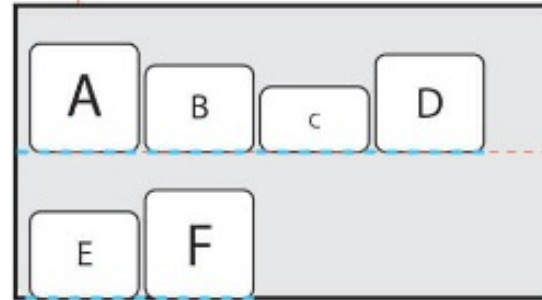
align-items: **stretch**; (default)



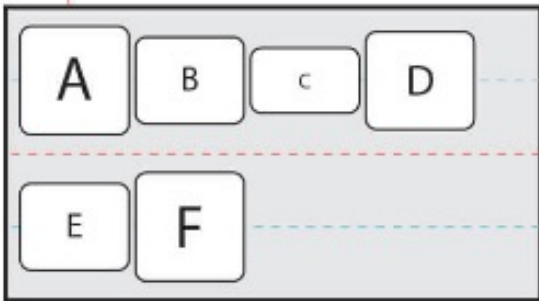
align-items: **flex-start**;



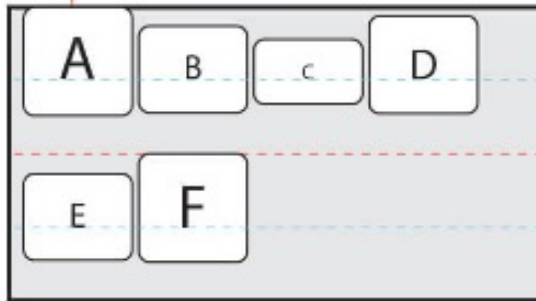
align-items: **flex-end**;



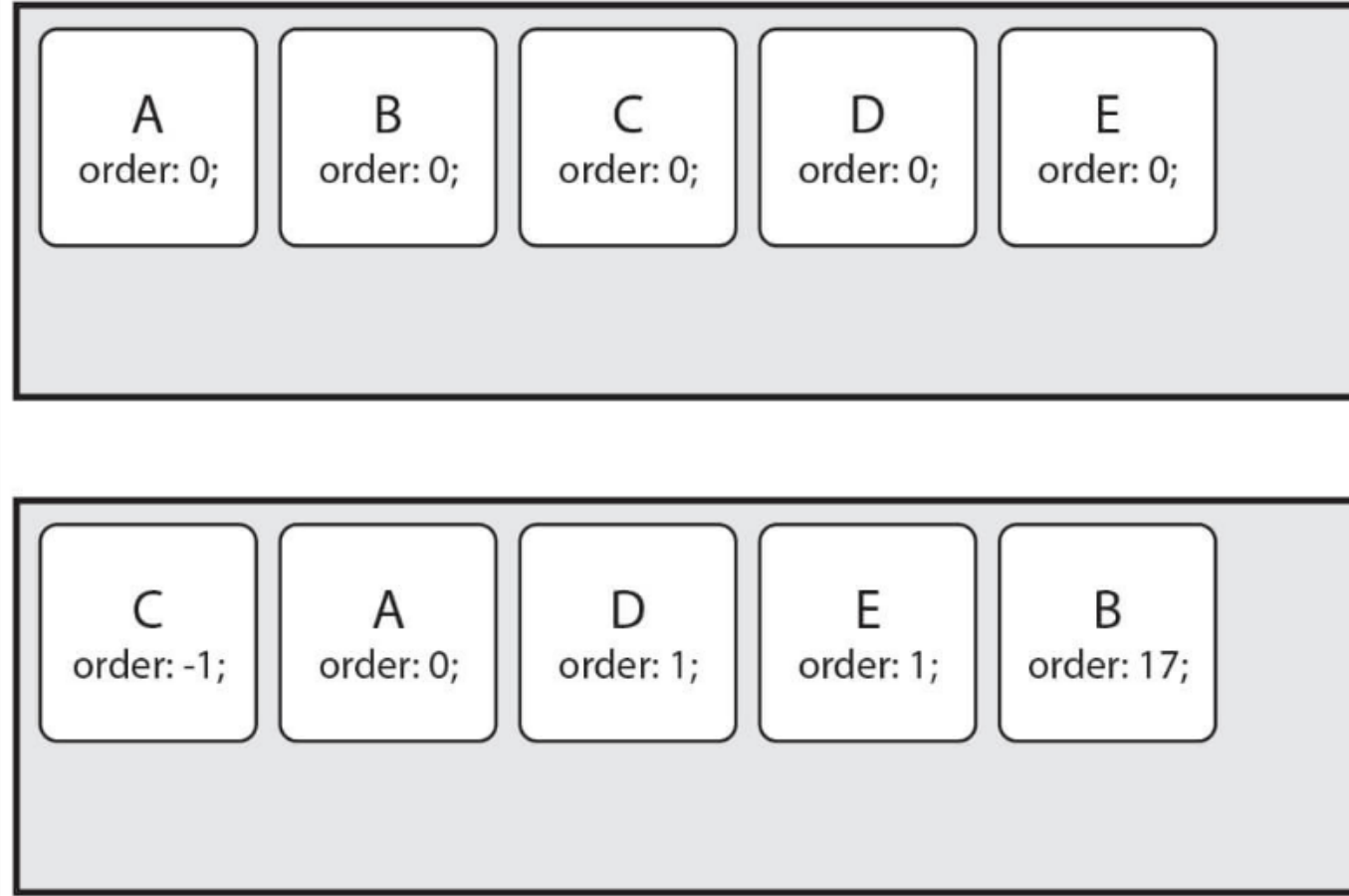
align-items: **center**;



align-items: **baseline**;

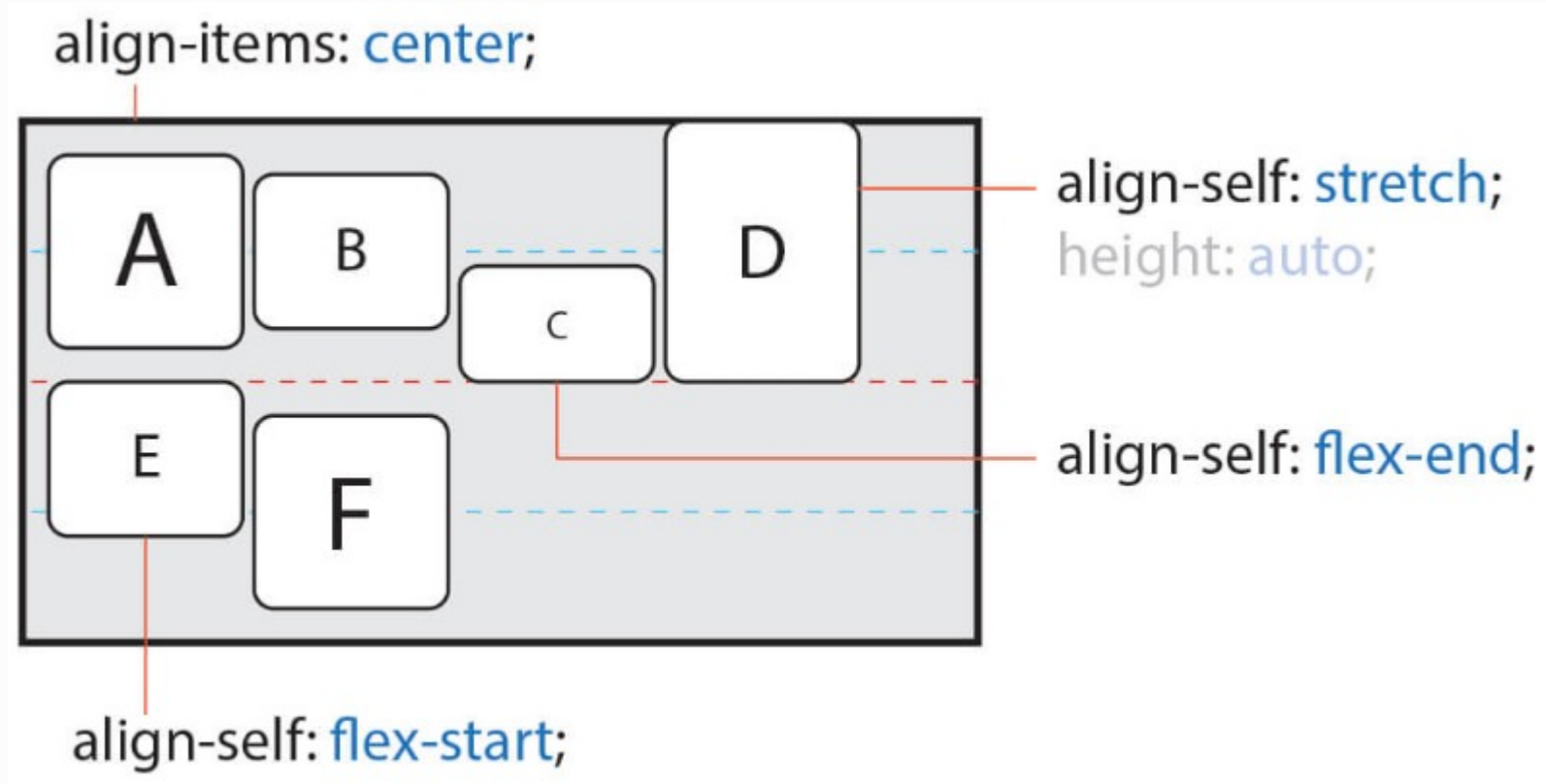


# Items - order





# Items – align-self



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02

# Grid란?

Flex에 이어서 당신은 이제 칸 나누기 노가다를 할 수 있을 것이다.

# Grid 란?



## Grid

행 과 열 로 레이아웃을 구성 하는 것

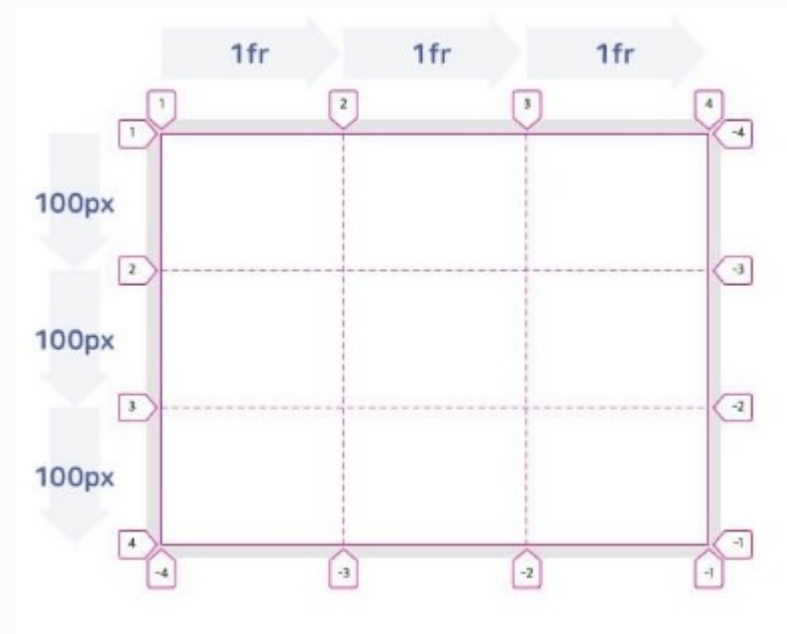
# Container - display

값	의미
grid	Block 특성의 Grid Container를 정의
inline-grid	Inline 특성의 Grid Container를 정의

# Container

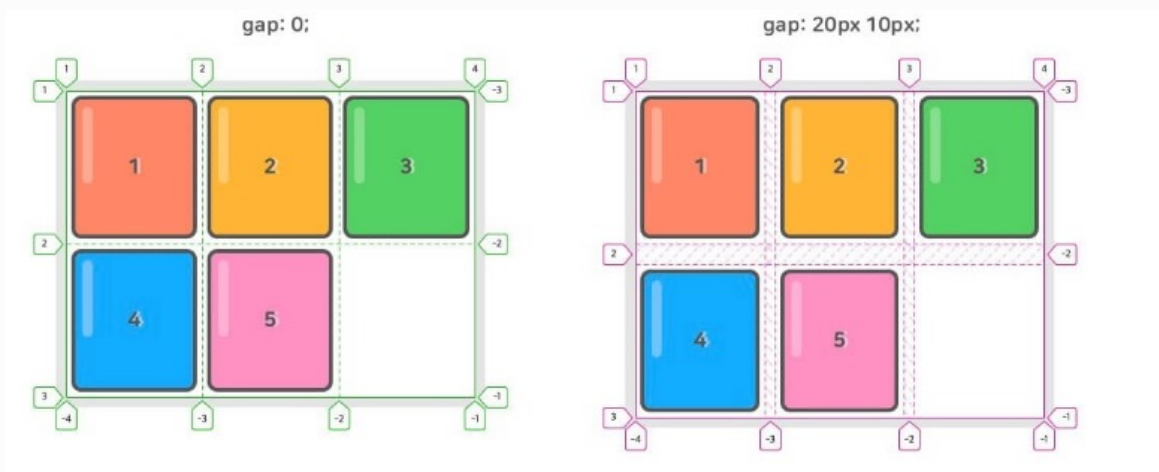
```
.container {  
  display: grid;  
  grid-template-rows: 1행크기 2행크기 ...;  
  grid-template-rows: [선이름] 1행크기 [선이름] 2행크기 [선이름] ...;  
}
```

```
.container {  
  width: 400px;  
  display: grid;  
  grid-template-rows: repeat(3, 100px);  
  grid-template-columns: repeat(3, 1fr);  
}
```



# Container-gap

```
.container {  
  display: grid;  
  grid-template-rows: repeat(2, 150px);  
  grid-template-columns: repeat(3, 1fr);  
  gap: 20px 10px;  
}  
/* 하나의 값으로 통일할 수 있습니다. */  
.container {  
  gap: 10px; /* row-gap: 10px; + column-gap: 10px; */  
}  
/* 하나의 값만 적용하고자 한다면 다음과 같이 사용할 수 있습니다. */  
.container {  
  gap: 10px 0; /* row-gap */  
  gap: 0 10px; /* column-gap */  
}
```

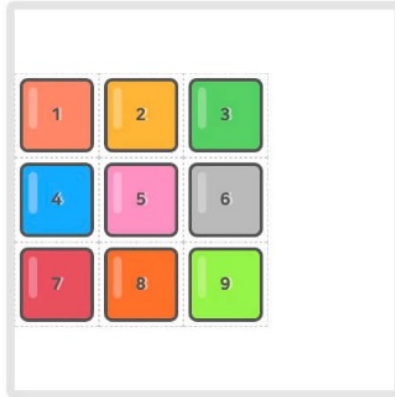


# Container-align-content

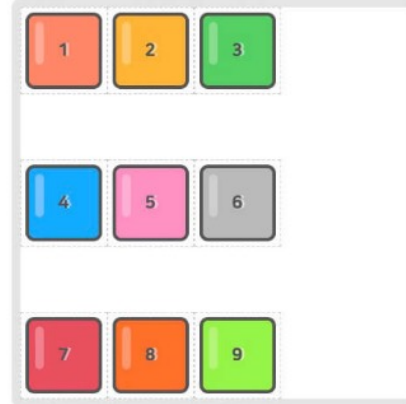
align-content: start;



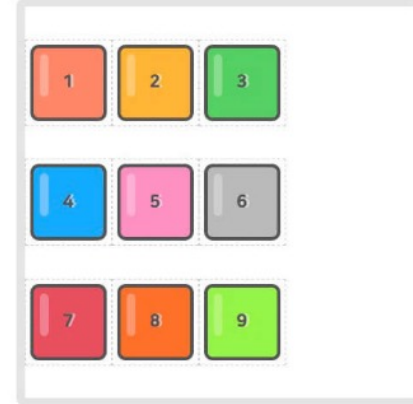
align-content: center;



align-content: space-between;



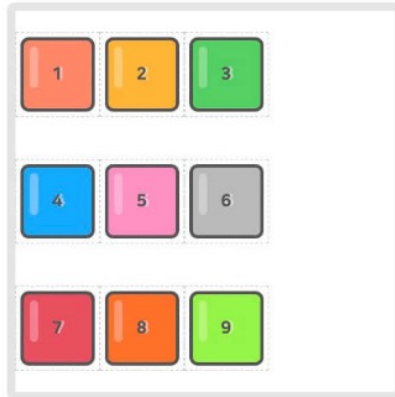
align-content: space-evenly;



align-content: end;



align-content: space-around;



align-content: stretch;





# Container-justify-content

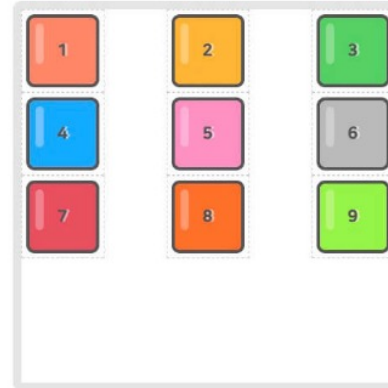
justify-content: start;



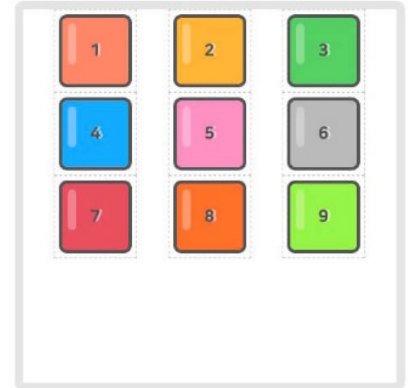
justify-content: center;



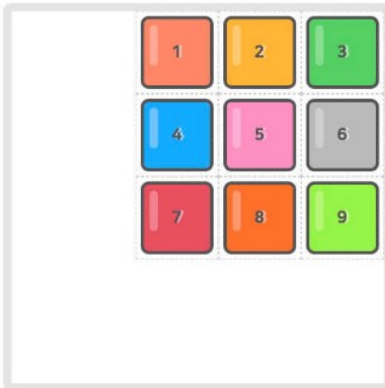
justify-content: space-between;



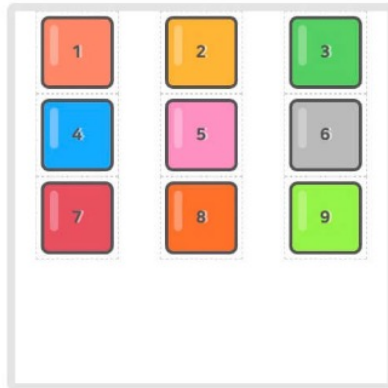
justify-content: space-around;



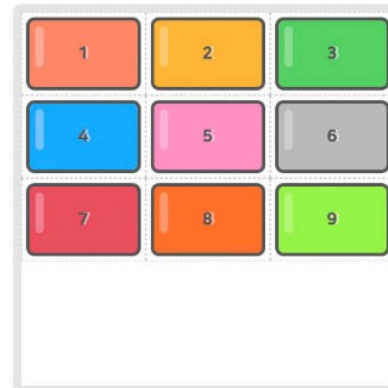
justify-content: end;



justify-content: space-around;



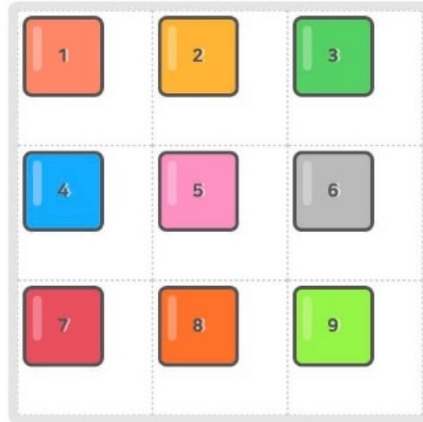
justify-content: stretch;



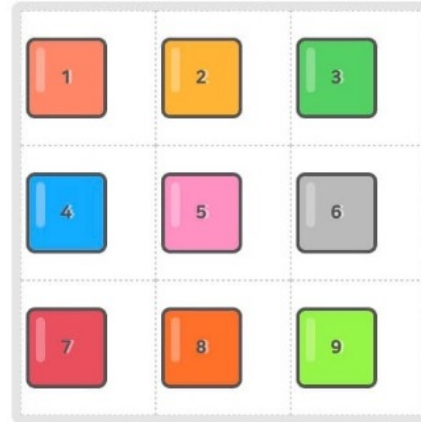


# Container-align-items

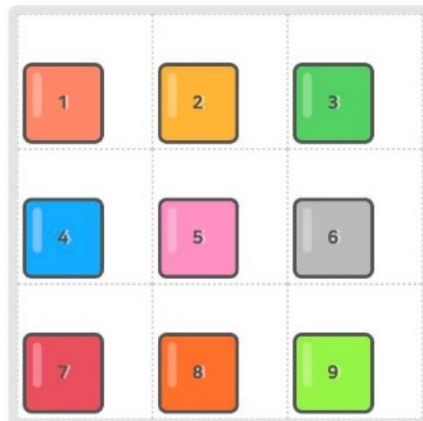
align-items: start;



align-items: center;



align-items: end;

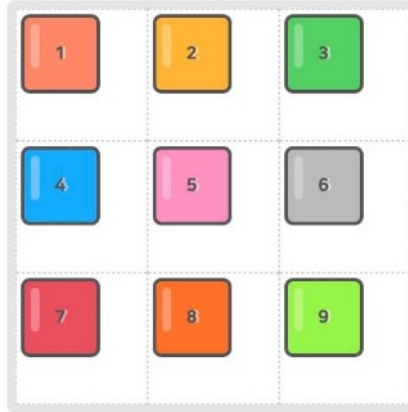


align-items: stretch;

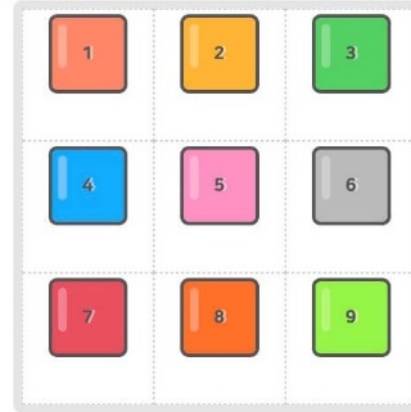


# Container-justify-items

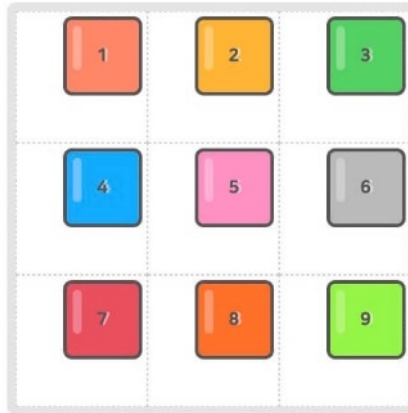
justify-items: start;



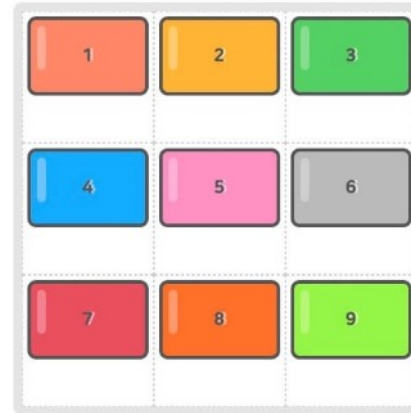
justify-items: center;



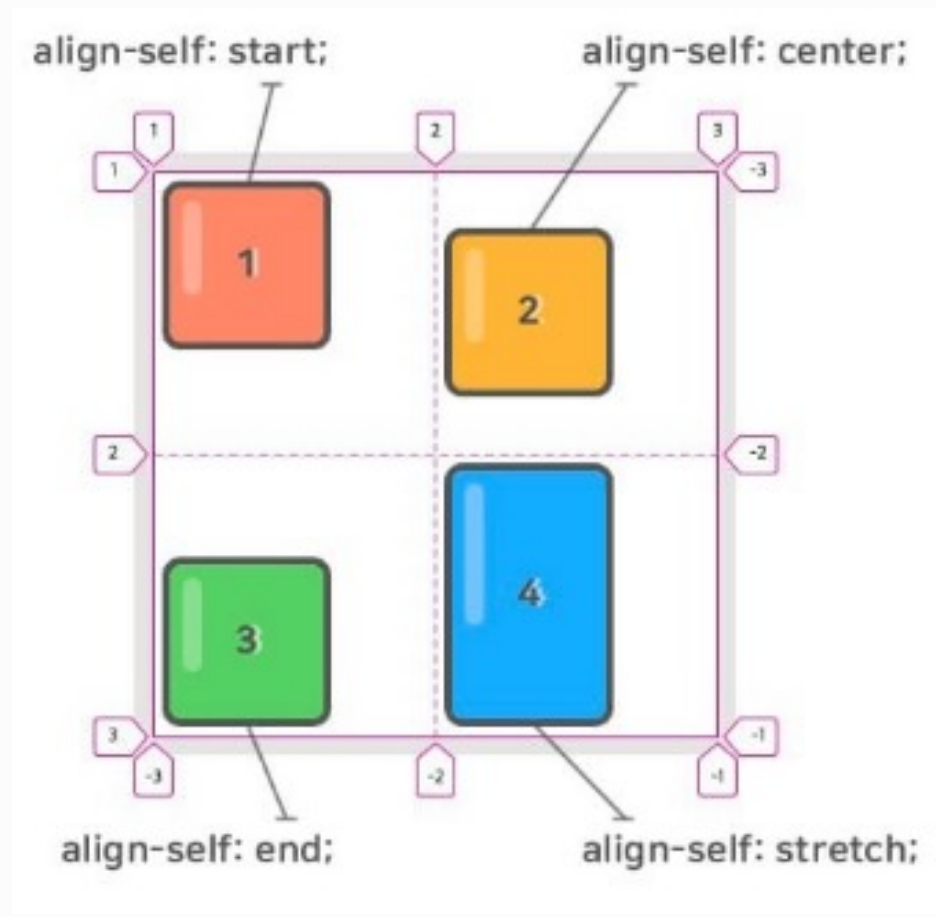
justify-items: end;



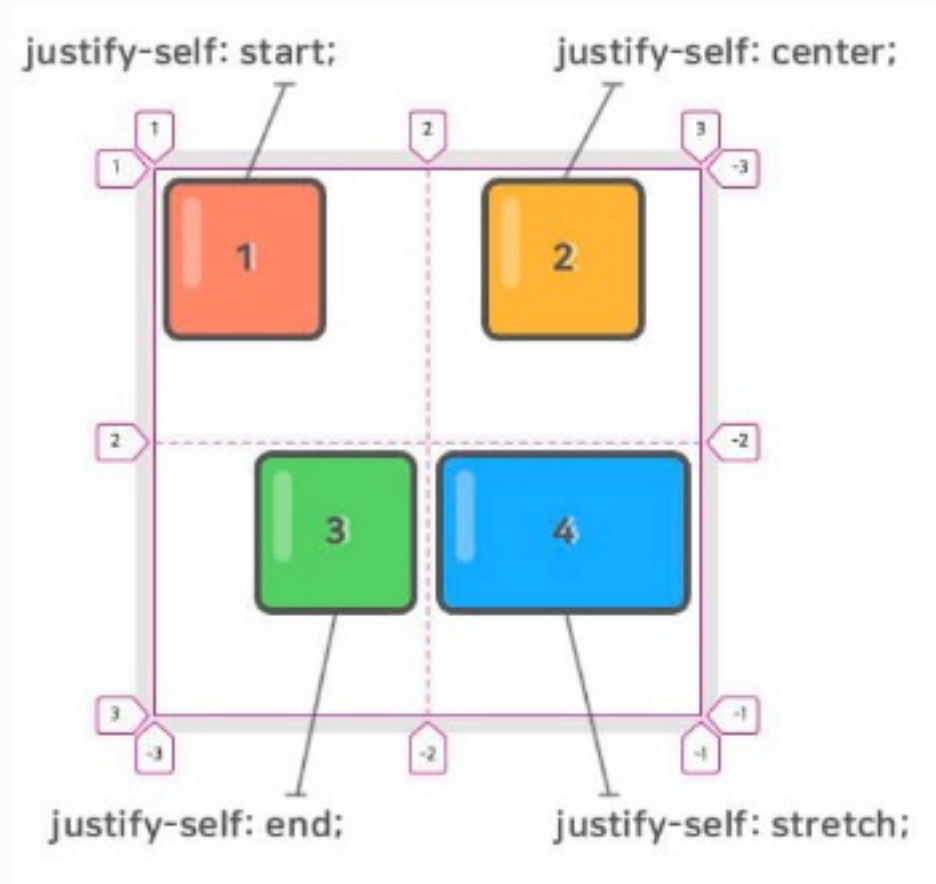
justify-items: stretch;



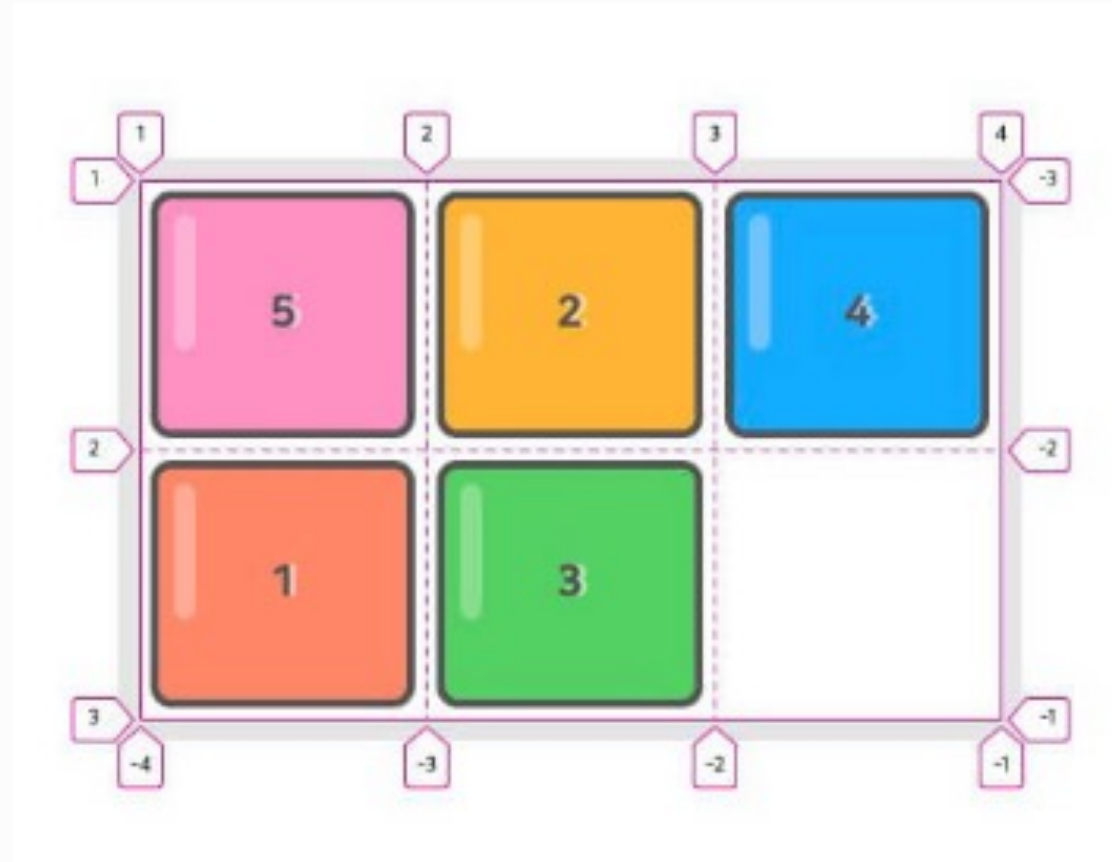
# Item-align-self



# Item-justify-self



# Item-order

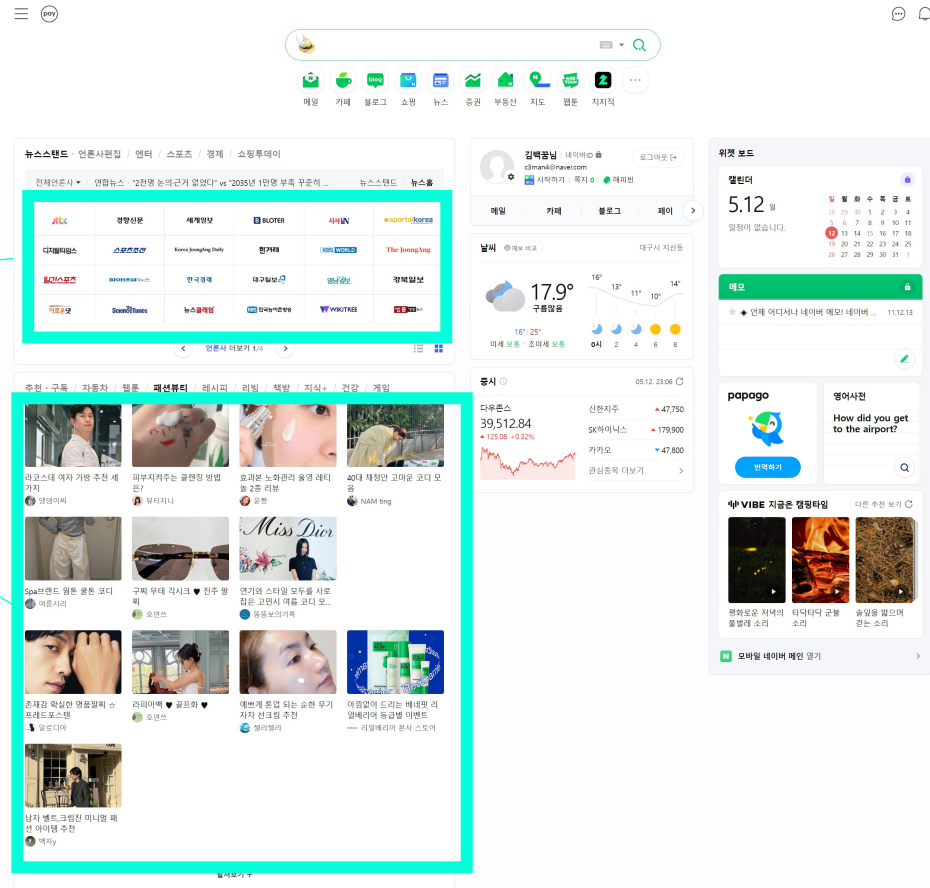


# 챌린지 과제

flex와 grid를 활용하여 네이버 클론코딩

다음 부분은 grid를 활용  
제외 하면 다 flex 사용

모든 사진들은 틀고오는거 가능  
이모티콘 포함



공지사항: 네이버 개인정보처리방침 변경에 대한 안내 말씀드립니다.

Partners: 프록토르 로 | 네이버 비즈니스 | 네이버 비즈니스 스쿨 | 네이버 광고 | 네이버 개발 | 지역경제 등재 | 엑스퍼트 등재  
Developers: 네이버 개발자 센터 | 오픈 API | 오픈소스 | 네이버 D2 | 네이버 D2SF | 네이버 앱스

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