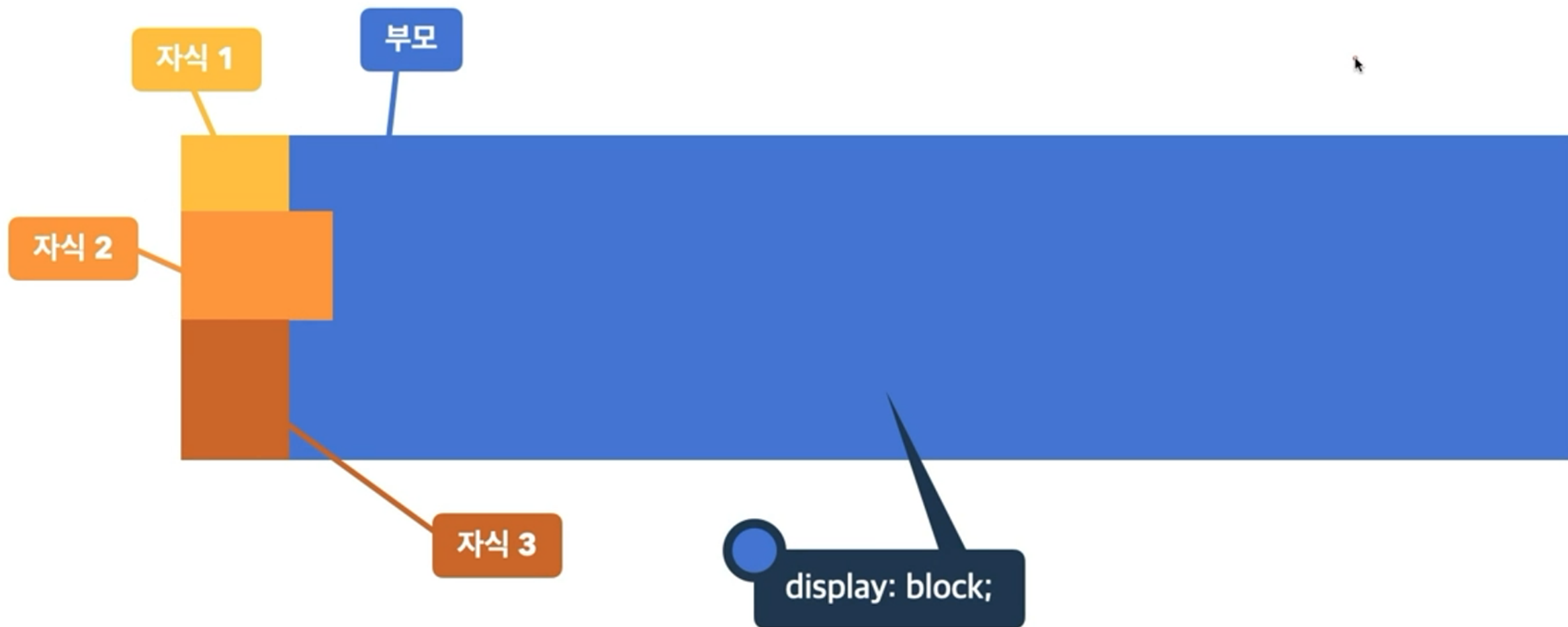




Flex

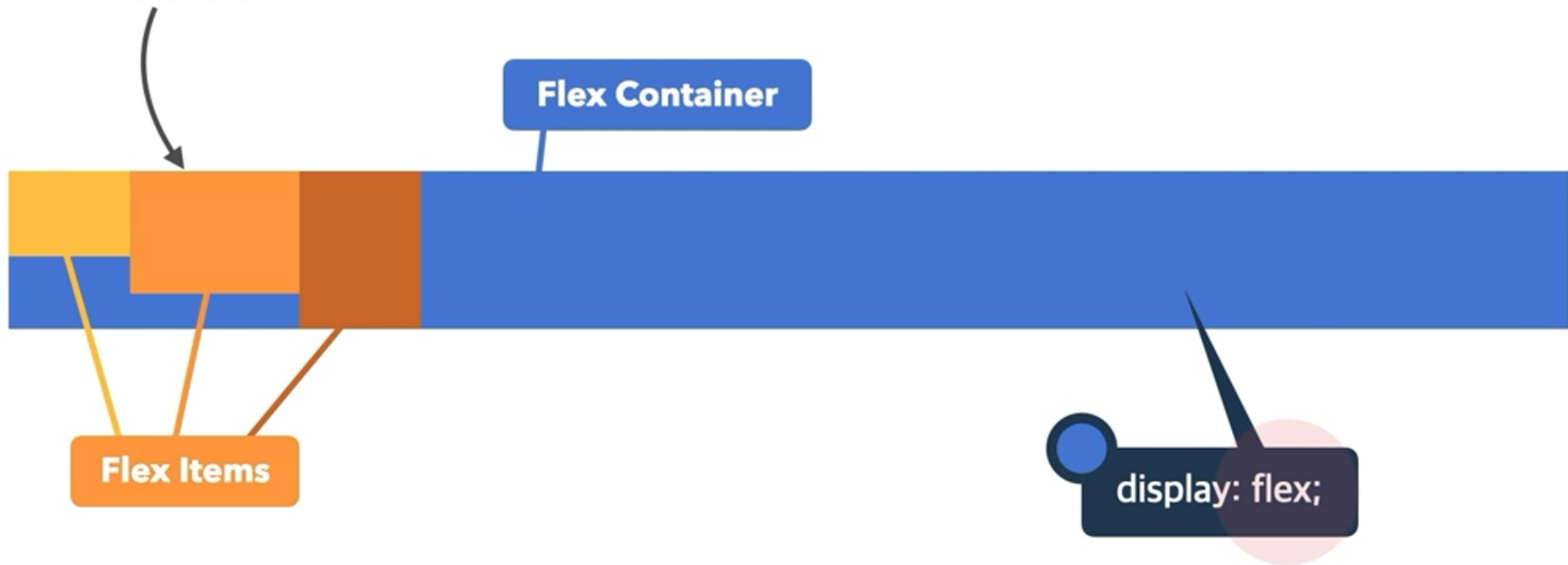


수평 정렬

Flex Container

Flex Items

display: flex;



주 축을 설정

flex-direction

row

행 축 (좌 => 우)

row-reverse

행 축 (우 => 좌)

column

열 축 (위 => 아래)

column-reverse

열 축 (아래 => 위)

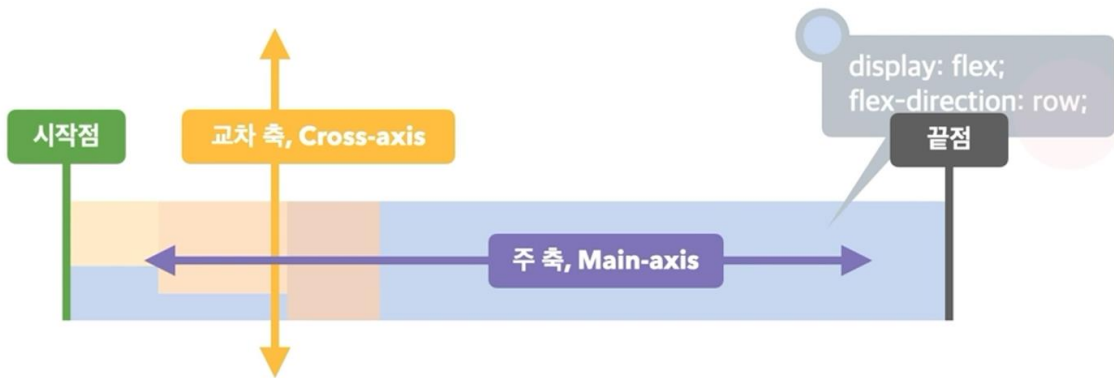
행, Row

열, Column

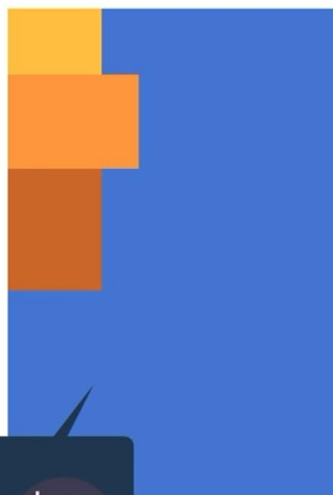
display: flex;
flex-direction: row;



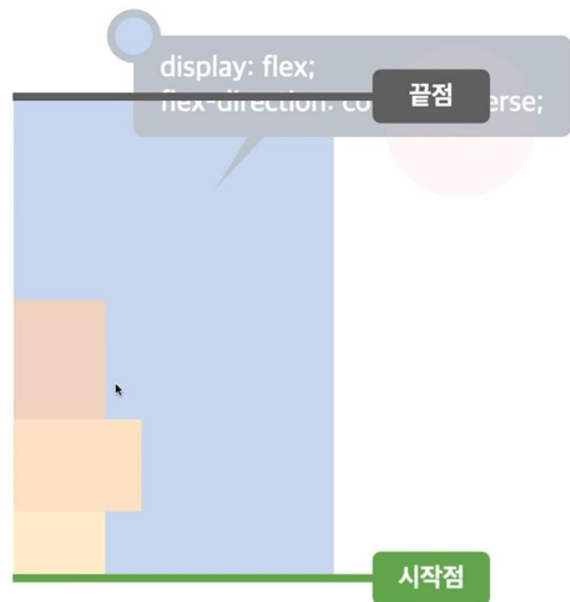
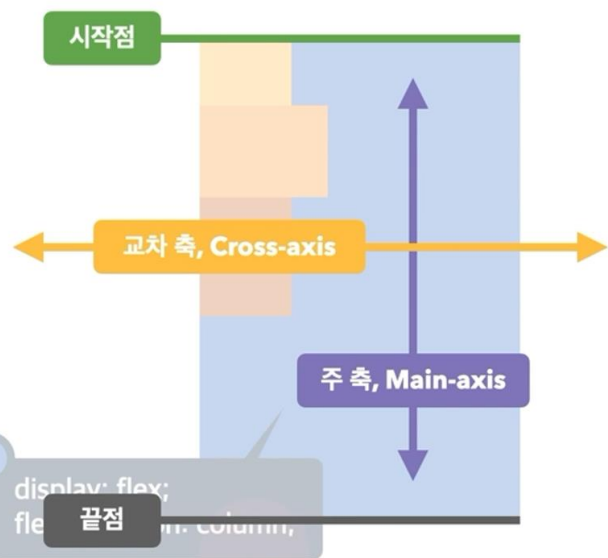
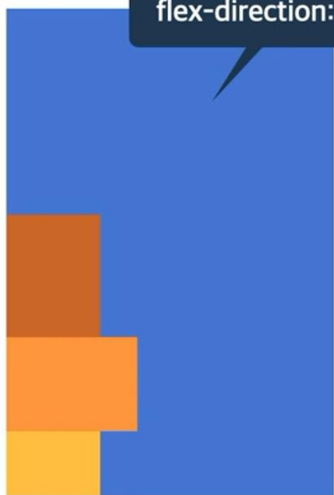
display: flex;
flex-direction: row-reverse;



display: flex;
flex-direction: column;



display: flex;
flex-direction: column-reverse;



실습1 flex-direction

- 500px 500px 컨테이너 선언
- 100px 100px 아이템1, 2, 3 div 선언
- 가로 방향으로 아이템이 쌓이도록 설정
 - 시작점을 기준으로 쌓이도록 설정
 - 끝점을 기준으로 쌓이도록 설정
- 세로 방향으로 아이템이 쌓이도록 설정

Flex Items 묶음(줄 바꿈) 여부

flex-wrap

nowrap

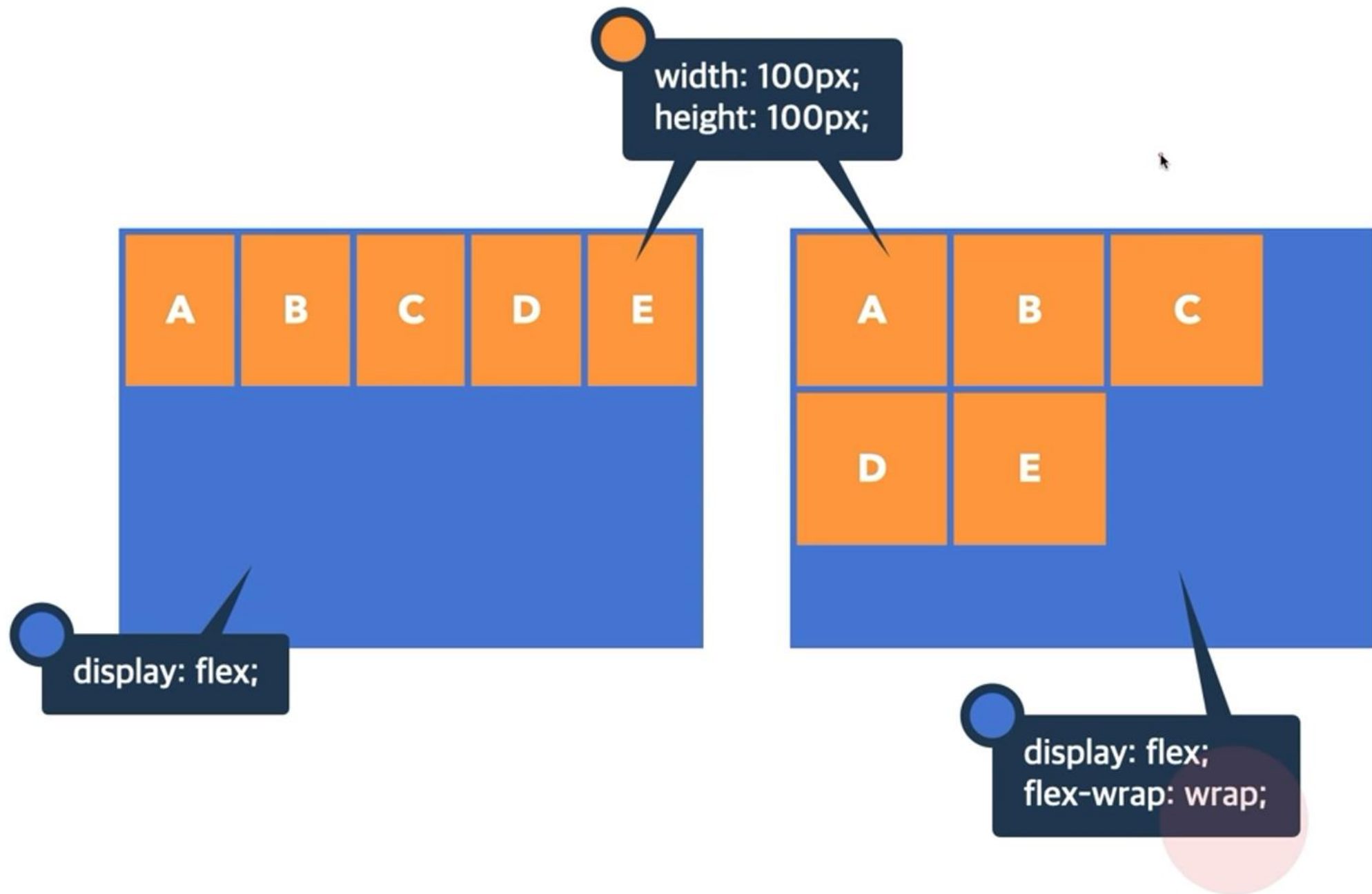
묶음(줄 바꿈) 없음

wrap

여러 줄로 묶음

wrap-reverse

wrap의 반대 방향으로 묶음



실습2 flex-wrap

- 500px 500px 컨테이너 선언
- 100px 100px 아이템 div 8개 선언
- 컨테이너 안에 한 줄이 되도록 설정
- 컨테이너 안에 두 줄이 되도록 설정

주 축의 정렬 방법

justify-content

flex-start

Flex Items를 시작점으로 정렬

flex-end

Flex Items를 끝점으로 정렬

center

Flex Items를 가운데 정렬

space-between

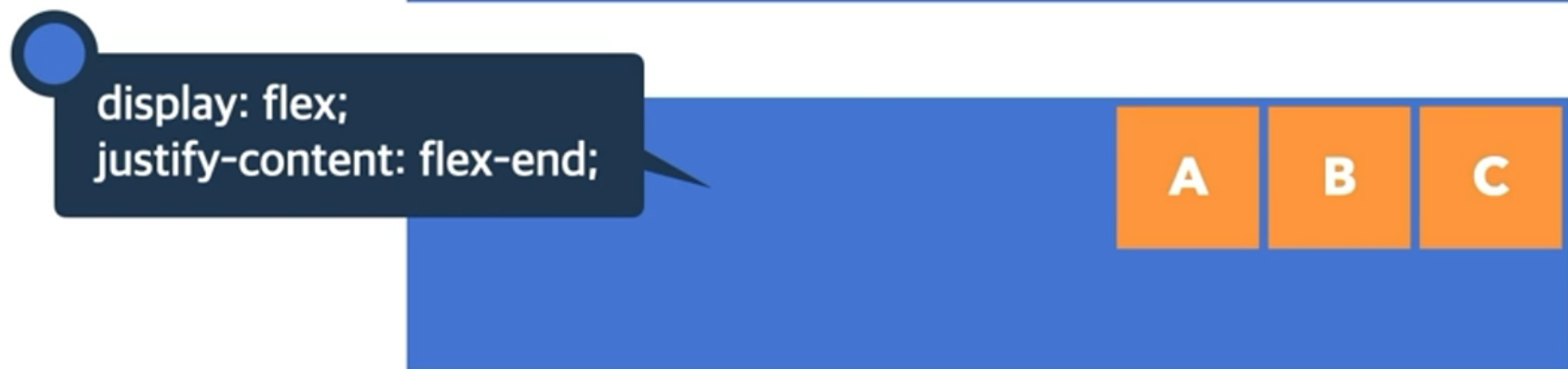
각 Flex Item 사이를 균등하게 정렬

space-around

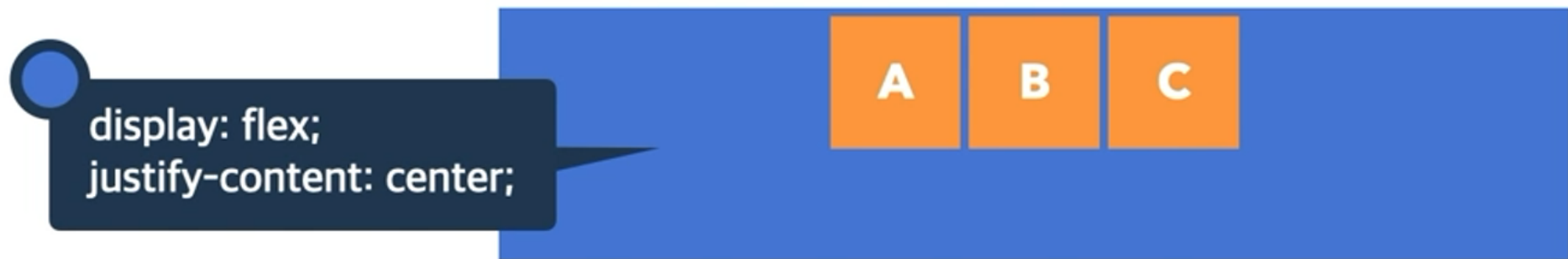
각 Flex Item의 외부 여백을 균등하게 정렬



`display: flex;`

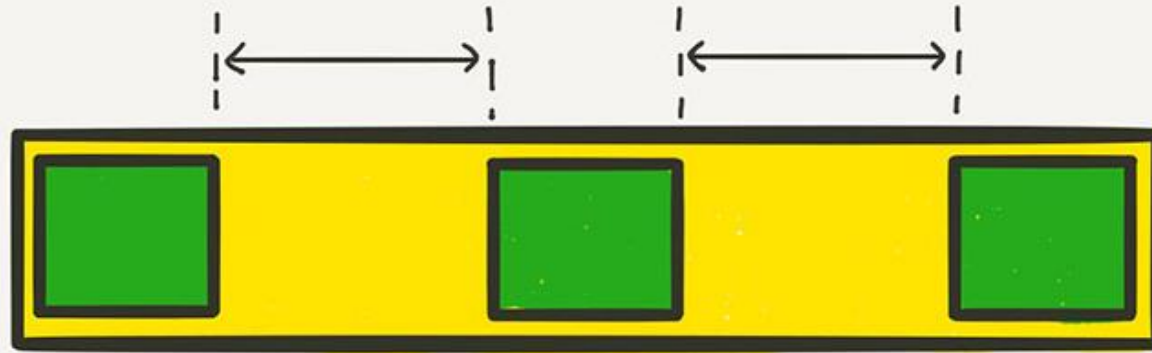


`display: flex;`
`justify-content: flex-end;`

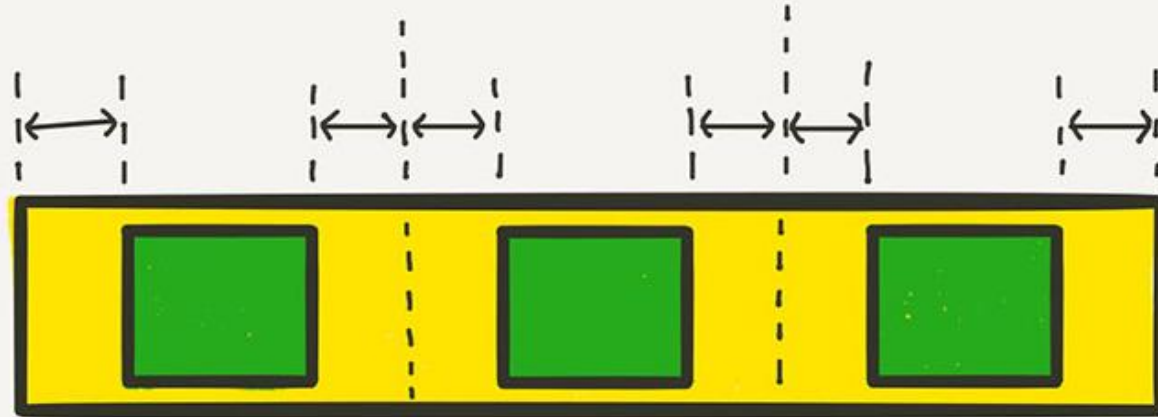


`display: flex;`
`justify-content: center;`

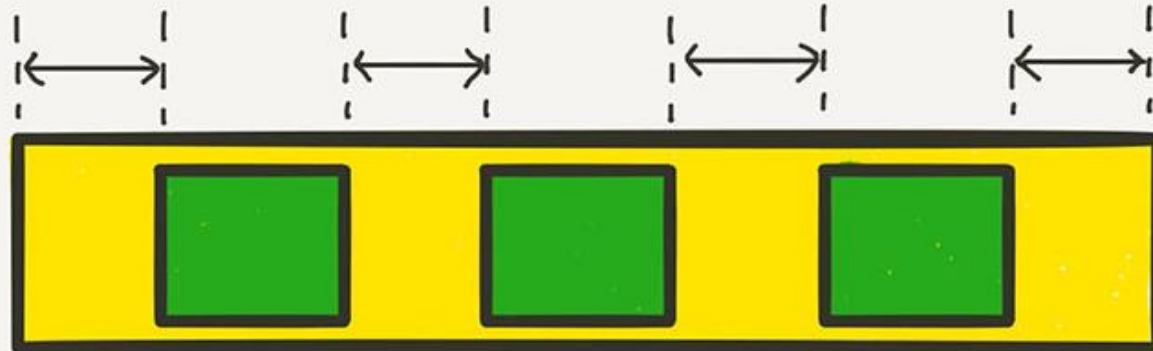
space-between



space-around



space-evenly



교차 축의 한 줄 정렬 방법

align-items

stretch

Flex Items를 교차 축으로 늘림

flex-start

Flex Items를 각 줄의 시작점으로 정렬

flex-end

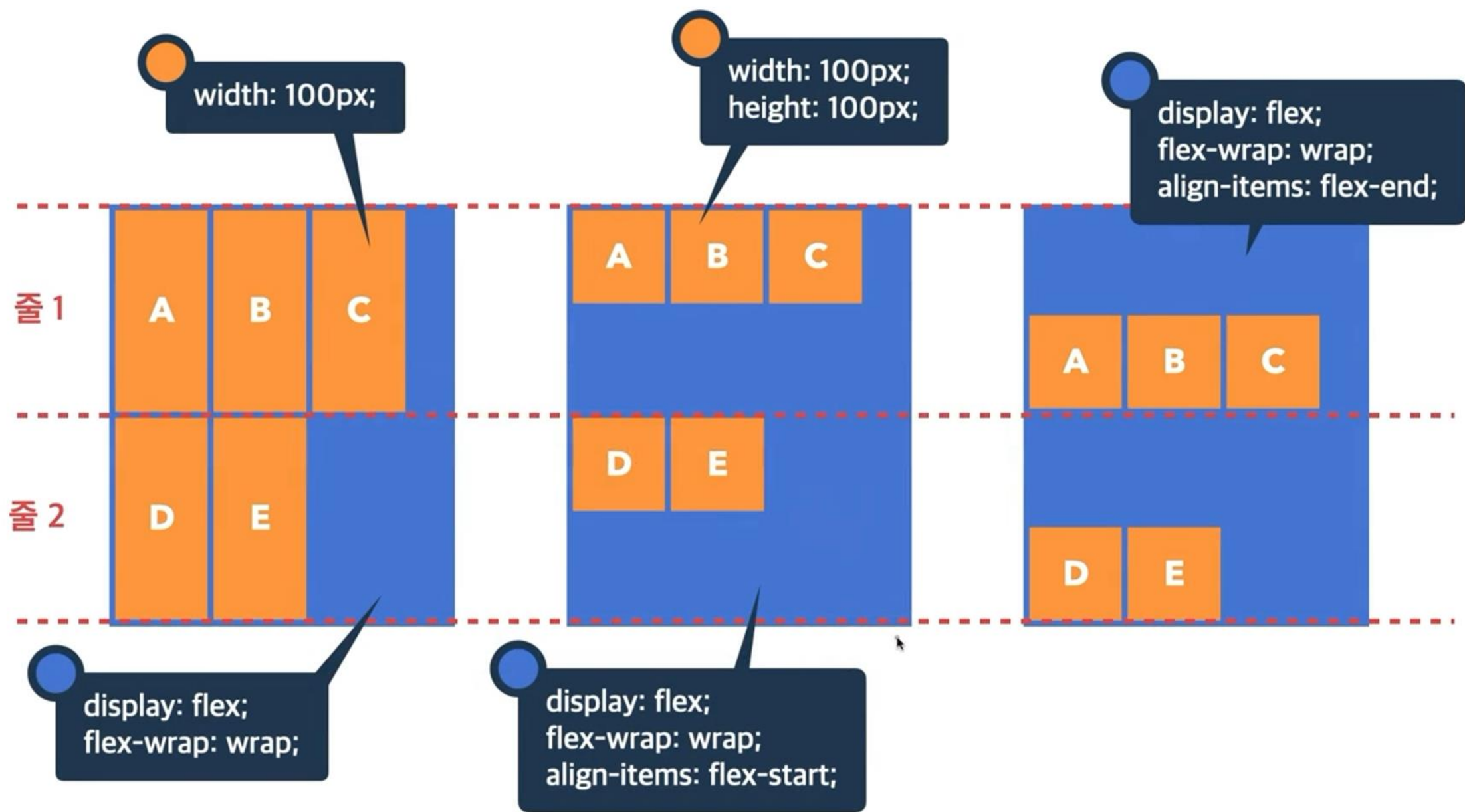
Flex Items를 각 줄의 끝점으로 정렬

center


Flex Items를 각 줄의 가운데 정렬

baseline

Flex Items를 각 줄의 문자 기준선에 정렬

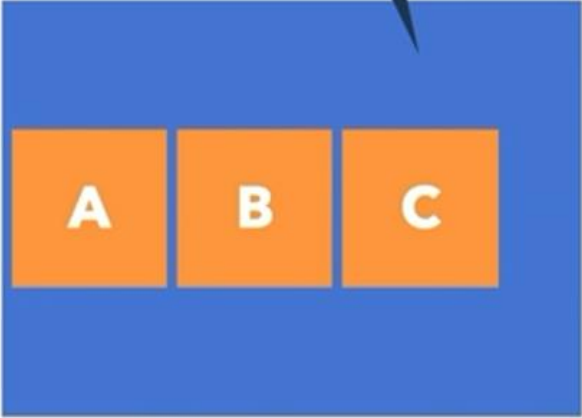


`display: flex;`
`align-items: flex-start;`



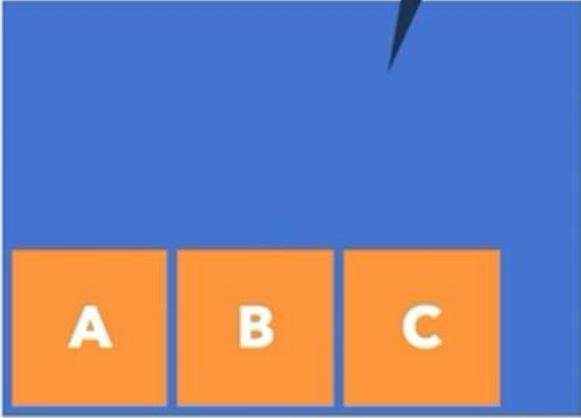
A diagram illustrating the 'flex-start' alignment. It features a blue rectangular container. Inside the container, three orange boxes labeled 'A', 'B', and 'C' are positioned at the top edge, aligned horizontally. The boxes are stacked from left to right, with 'A' on the left, 'B' in the middle, and 'C' on the right. The bottom half of the container is empty.

`display: flex;`
`align-items: center;`



A diagram illustrating the 'center' alignment. It features a blue rectangular container. Inside the container, three orange boxes labeled 'A', 'B', and 'C' are positioned in the vertical center, aligned horizontally. The boxes are stacked from left to right, with 'A' on the left, 'B' in the middle, and 'C' on the right. The space above and below the boxes is equal.

`display: flex;`
`align-items: flex-end;`



A diagram illustrating the 'flex-end' alignment. It features a blue rectangular container. Inside the container, three orange boxes labeled 'A', 'B', and 'C' are positioned at the bottom edge, aligned horizontally. The boxes are stacked from left to right, with 'A' on the left, 'B' in the middle, and 'C' on the right. The top half of the container is empty.

교차 축의 여러 줄 정렬 방법

align-content

stretch

Flex Items를 시작점으로 정렬

flex-start

Flex Items를 시작점으로 정렬

flex-end

Flex Items를 끝점으로 정렬

center

Flex Items를 가운데 정렬

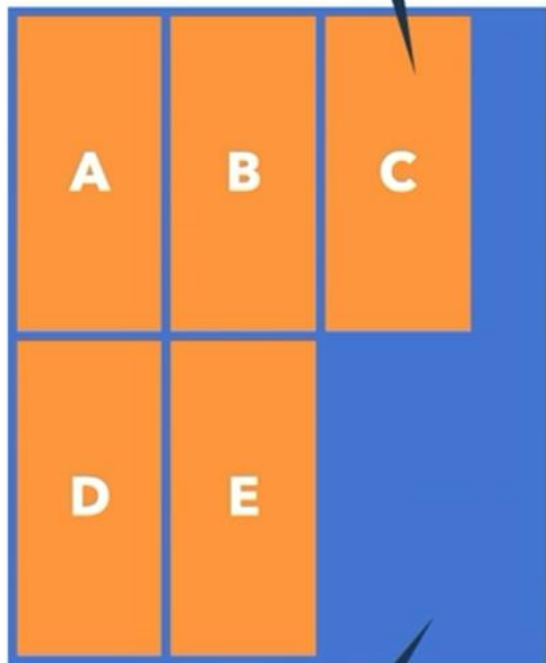
space-between

각 Flex Item 사이를 균등하게 정렬

space-around

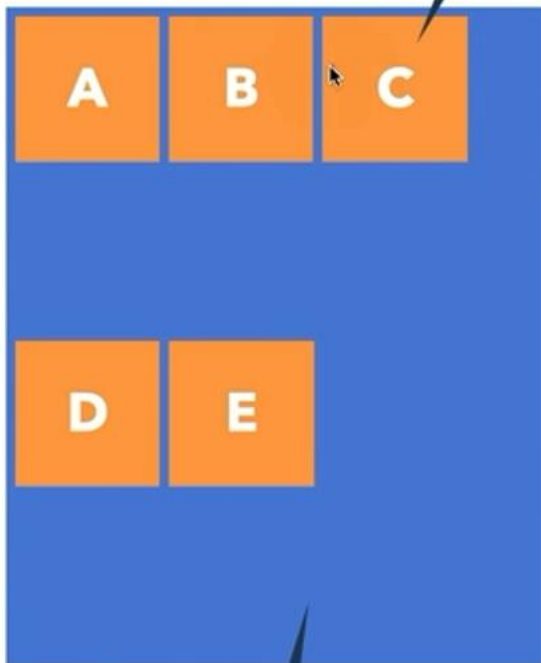
각 Flex Item의 외부 여백을 균등하게 정렬

width: 100px;



display: flex;
flex-wrap: wrap;

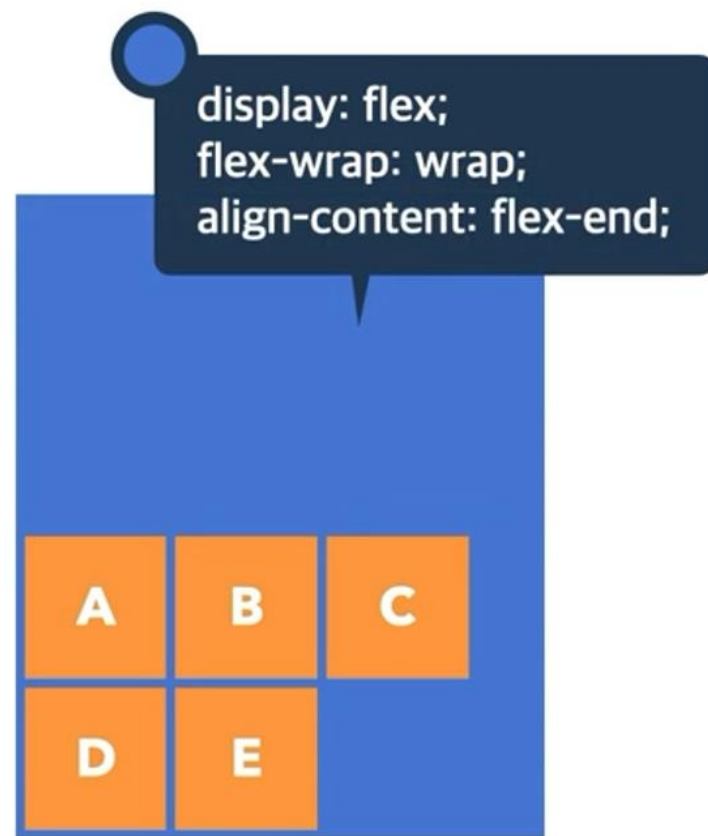
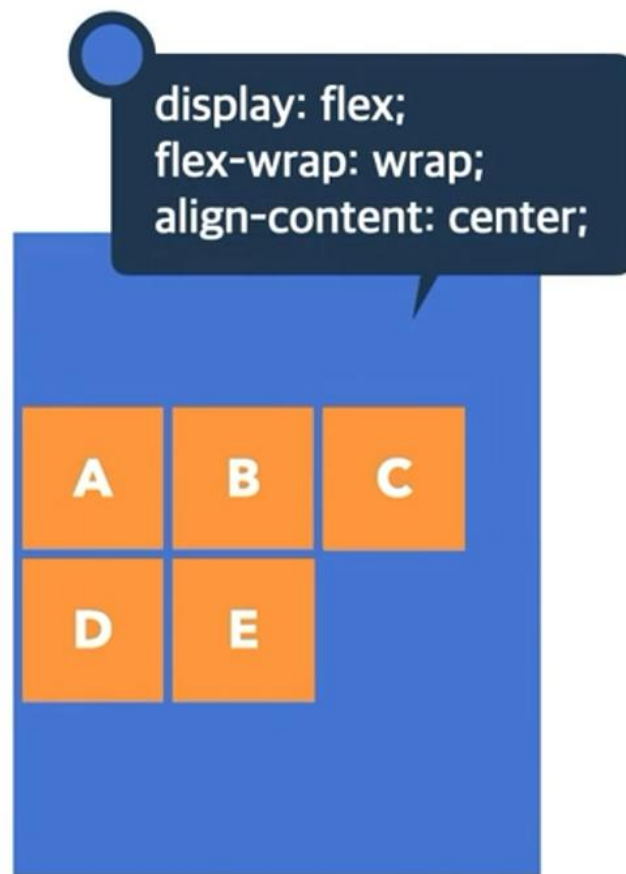
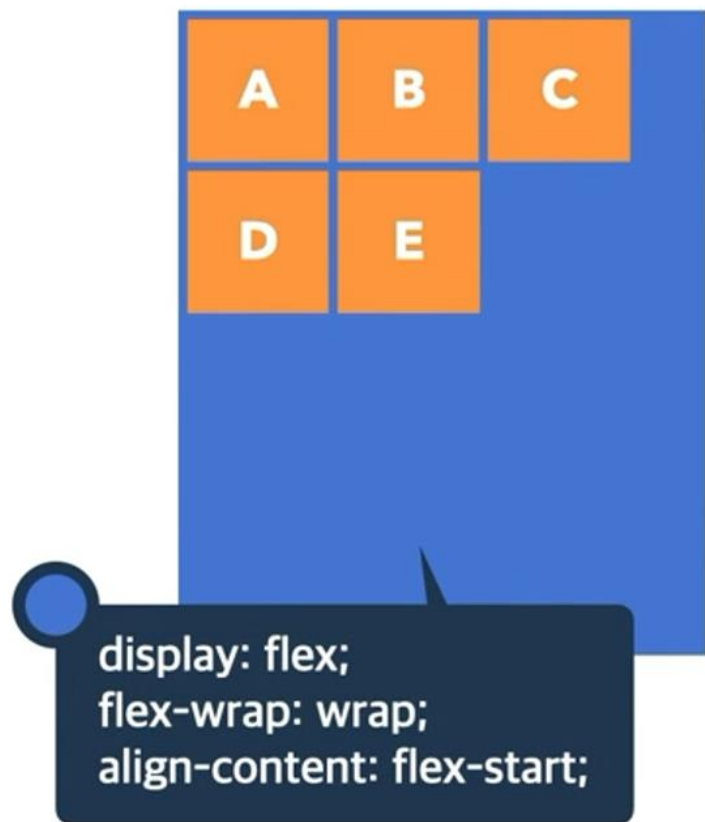
width: 100px;
height: 100px;



display: flex;
flex-wrap: wrap;



display: flex;
flex-wrap: wrap;
align-content: flex-start;



실습3 flex-wrap

- 500px 500px 컨테이너 선언
- 100px 100px 아이템 div 8개 선언
- 컨테이너 안에 한 줄이 되도록 설정
 - 해당 아이템을 가로, 세로 수직 정렬하기
- 컨테이너 안에 두 줄이 되도록 설정
 - 해당 아이템을 하나로 뭉쳐서 가로, 세로 수직 정렬하기
 - 해당 아이템을 각각의 flex 줄에 가로, 세로 수직 정렬하기

Flex! 참고 사이트-1분 코딩

<https://studiomeal.com/archives/197>