

# 삽입정렬

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자료출처

## » 삽입정렬

- 앞의 원소와 데이터를 비교하여 조건에 따라 원소의 자료를 삽입하여 정렬하는 알고리즘
- 처음부터 작은 2번째 원소부터 시작

## >> 삽입정렬(오름차순)

8	5	6	2	4
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오름차순  
완성상태

2	4	5	6	8
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5
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8	5	6	2	4
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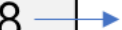


Key: 5(두 번째 자료)  
첫 번째 값 8과 비교

5
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8		6	2	4
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8을 한 칸 뒤로 이동  
5를 첫 번째 자리에 넣는다.

5	8	6	2	4
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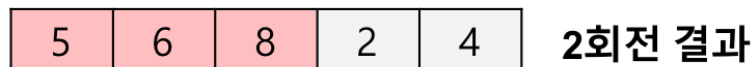
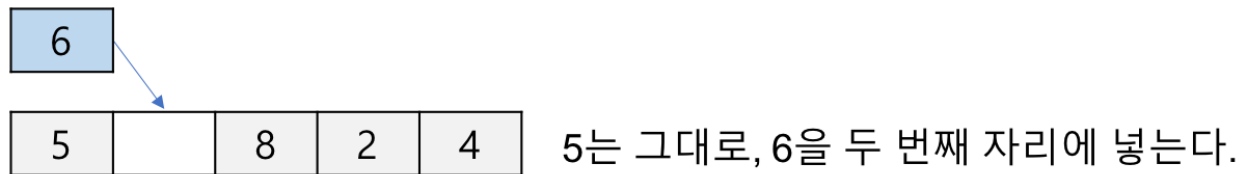
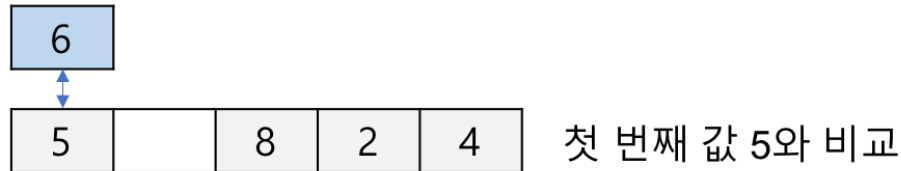
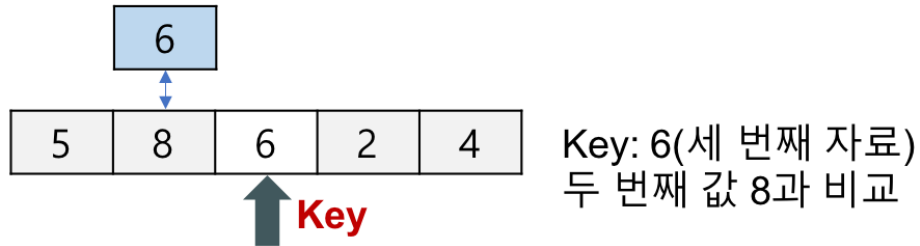
1회전 결과

01

02

03

## >> 삽입정렬(오름차순)

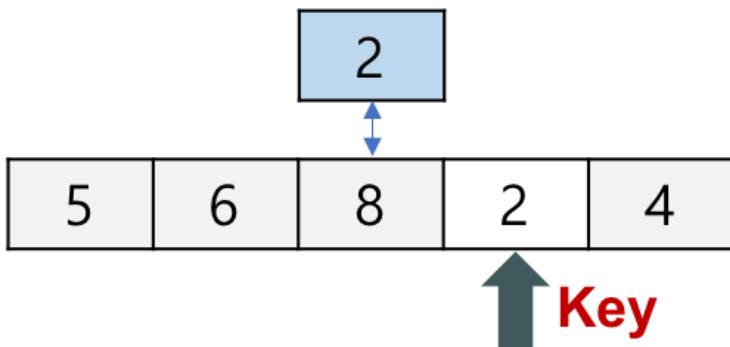


01

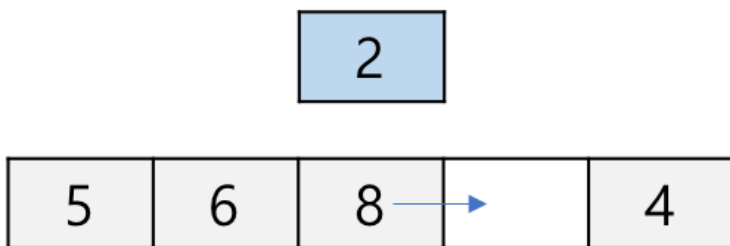
02

03

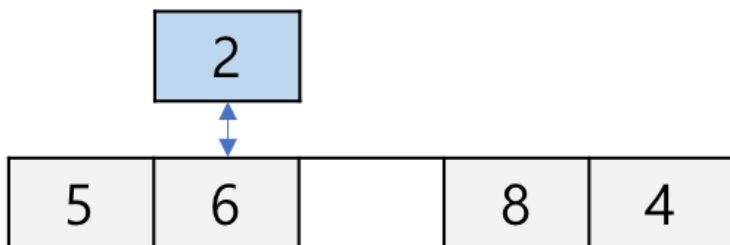
## >> 삽입정렬(오름차순)



Key: 2(네 번째 자료)  
세 번째 값 8과 비교



8을 한 칸 뒤로 이동

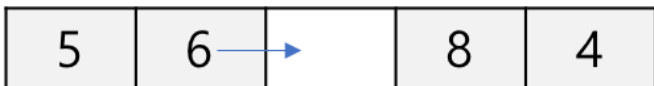


두 번째 값 6과 비교

01

## >> 삽입정렬(오름차순)

02

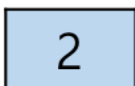


6을 한 칸 뒤로 이동

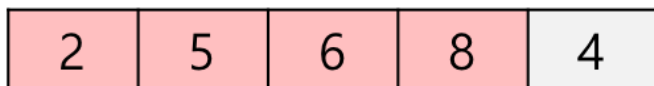
03



첫 번째 값 5와 비교



5를 한 칸 뒤로 이동  
2를 첫 번째 자리에 넣는다.



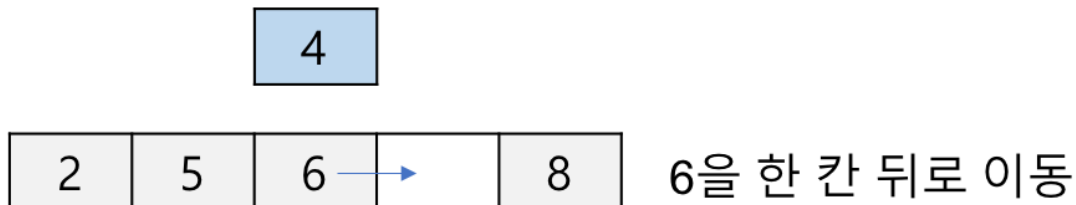
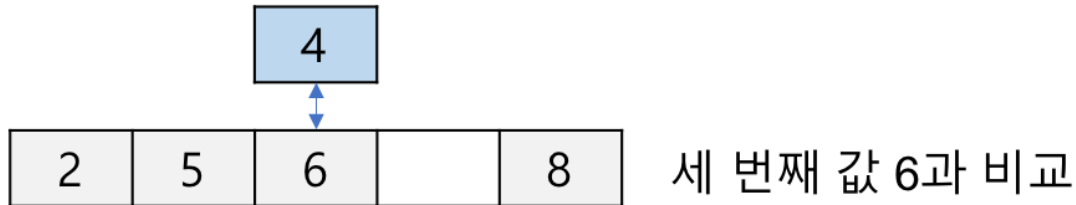
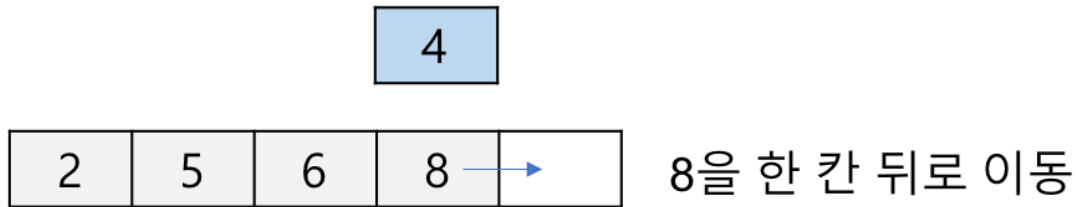
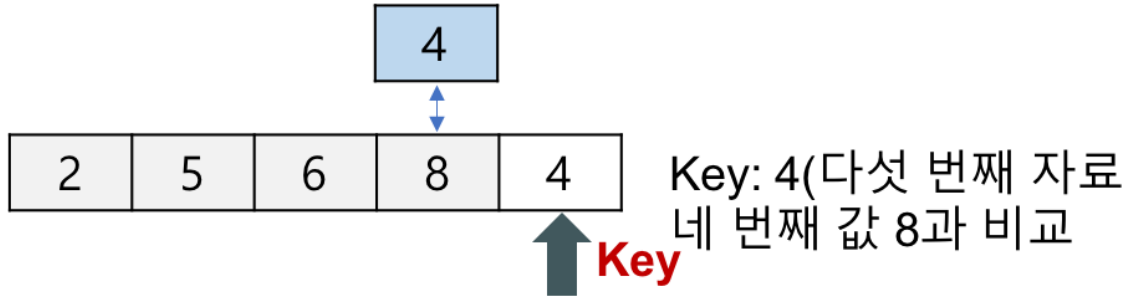
3회전 결과

01

02

03

## >> 삽입정렬(오름차순)



01

02

03

## >> 삽입정렬(오름차순)

