

Chapter 06\_036. [연습문제] 정렬 알고리즘(3)

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## 선택정렬 알고리즘

## • 연습문제

- 숫자로 이루어진 리스트를 선택정렬 알고리즘을 이용해서 오름차순과 내림차순으로 정렬하는 모듈을 만들어보자.(단 정렬하는 과정도 출력하도록 한다.)

```
not sorted nums:
[6, 4, 13, 7, 9, 3, 8, 16, 19, 10]
nums: [3, 4, 13, 7, 9, 6, 8, 16, 19, 10]
nums: [3, 4, 13, 7, 9, 6, 8, 16, 19, 10]
nums: [3, 4, 6, 7, 9, 13, 8, 16, 19, 10]
nums: [3, 4, 6, 7, 9, 13, 8, 16, 19, 10]
nums: [3, 4, 6, 7, 8, 13, 9, 16, 19, 10]
nums: [3, 4, 6, 7, 8, 9, 13, 16, 19, 10]
nums: [3, 4, 6, 7, 8, 9, 10, 16, 19, 13]
nums: [3, 4, 6, 7, 8, 9, 10, 13, 19, 16]
nums: [3, 4, 6, 7, 8, 9, 10, 13, 16, 19]
sorted nums by ASC:
[3, 4, 6, 7, 8, 9, 10, 13, 16, 19]
```

```
not sorted nums:
[6, 4, 13, 7, 9, 3, 8, 16, 19, 10]
nums: [19, 4, 13, 7, 9, 3, 8, 16, 6, 10]
nums: [19, 16, 13, 7, 9, 3, 8, 4, 6, 10]
nums: [19, 16, 13, 7, 9, 3, 8, 4, 6, 10]
nums: [19, 16, 13, 10, 9, 3, 8, 4, 6, 7]
nums: [19, 16, 13, 10, 9, 3, 8, 4, 6, 7]
nums: [19, 16, 13, 10, 9, 8, 3, 4, 6, 7]
nums: [19, 16, 13, 10, 9, 8, 7, 4, 6, 3]
nums: [19, 16, 13, 10, 9, 8, 7, 6, 4, 3]
sorted nums by DESC:
[19, 16, 13, 10, 9, 8, 7, 6, 4, 3]
```