

Chapter 06_035. [연습문제] 정렬 알고리즘(2)

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삽입정렬 알고리즘

• 연습문제

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

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not sorted nums:
[19, 10, 3, 5, 13, 4, 12, 17, 8, 16]
nums: [10, 19, 3, 5, 13, 4, 12, 17, 8, 16]
nums: [3, 10, 19, 5, 13, 4, 12, 17, 8, 16]
nums: [3, 5, 10, 19, 13, 4, 12, 17, 8, 16]
nums: [3, 5, 10, 13, 19, 4, 12, 17, 8, 16]
nums: [3, 4, 5, 10, 13, 19, 12, 17, 8, 16]
nums: [3, 4, 5, 10, 12, 13, 19, 17, 8, 16]
nums: [3, 4, 5, 10, 12, 13, 17, 19, 8, 16]
nums: [3, 4, 5, 8, 10, 12, 13, 17, 19, 16]
nums: [3, 4, 5, 8, 10, 12, 13, 16, 17, 19]
sorted nums by ASC:
[3, 4, 5, 8, 10, 12, 13, 16, 17, 19]
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not sorted nums:
[19, 10, 3, 5, 13, 4, 12, 17, 8, 16]
nums: [19, 10, 3, 5, 13, 4, 12, 17, 8, 16]
nums: [19, 10, 3, 5, 13, 4, 12, 17, 8, 16]
nums: [19, 10, 5, 3, 13, 4, 12, 17, 8, 16]
nums: [19, 13, 10, 5, 3, 4, 12, 17, 8, 16]
nums: [19, 13, 10, 5, 4, 3, 12, 17, 8, 16]
nums: [19, 13, 12, 10, 5, 4, 3, 17, 8, 16]
nums: [19, 17, 13, 12, 10, 5, 4, 3, 8, 16]
nums: [19, 17, 13, 12, 10, 8, 5, 4, 3, 16]
nums: [19, 17, 16, 13, 12, 10, 8, 5, 4, 3]
sorted nums by DESC:
[19, 17, 16, 13, 12, 10, 8, 5, 4, 3]
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