

# Insertion Sort List

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## References

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🔗 <https://leetcode.com/problems/insertion-sort-list/>



### 파이썬 알고리즘 인터뷰

2021 세종도서 학술부문 선정작. 현업과 실무에 유용한 주요 알고리즘 이론을 깊숙이 이해하고, 파이썬의 핵심 기능과 문법까지 상세하게 이해할 수 있는 취업용 코딩 테스트를 위한 완벽 가이드다. 200여 개가 넘는...

🔗 <https://www.aladin.co.kr/shop/wproduct.aspx?ItemId=245495826>



## References

### 1. Insertion Sort Algorithm

## 1. Insertion Sort Algorithm

```
class Solution:
    def insertionSortList(self, head: Optional[ListNode]) -> Optional[ListNode]:
        cur = parent = ListNode(0)
        while head:
            while cur.next and cur.next.val < head.val:
                cur = cur.next

            cur.next, head.next, head = head, cur.next, head.next

            if head and cur.val > head.val:
                cur = parent

        return parent.next
```