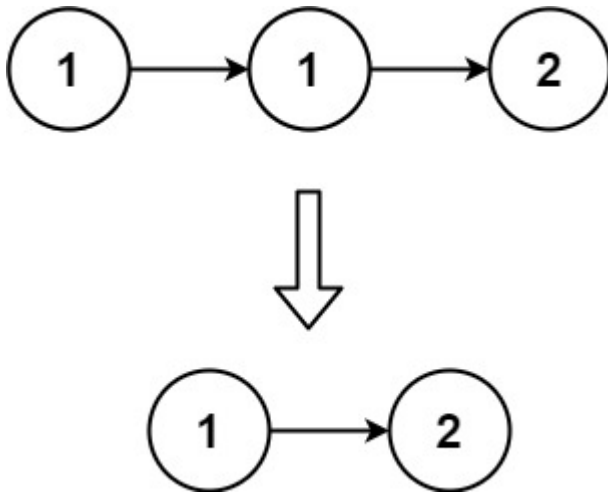


## 83. Remove Duplicates from Sorted List

Given the `head` of a sorted linked list, *delete all duplicates such that each element appears only once*. Return the linked list **sorted** as well.

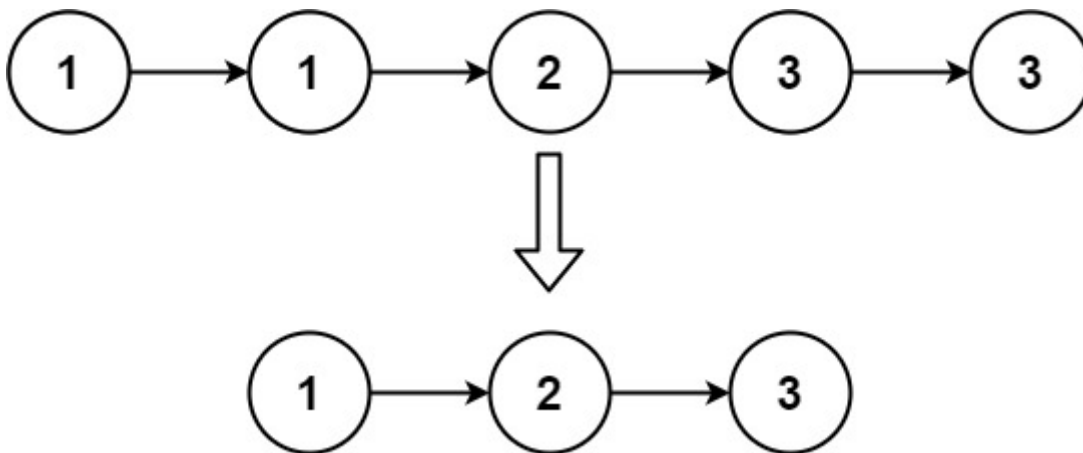
**Example 1:**



Input: head = [1,1,2]

Output: [1,2]

**Example 2:**



Input: head = [1,1,2,3,3]

Output: [1,2,3]

**Constraints:**

- The number of nodes in the list is in the range [0, 300].
- $-100 \leq \text{Node.val} \leq 100$
- The list is guaranteed to be **sorted** in ascending order.

```
def deleteDuplicates(self, head: Optional[ListNode]) -> Optional[ListNode]:
    if head is None or head.next is None:
        return head
    curr= head
    dummyHead = ListNode(-1)
    prev =dummyHead
    prevVal = -101

    while curr!=None:
        if prevVal!=curr.val:
            prevVal = curr.val
            prev.next = curr
            prev = curr
        curr = curr.next
    if prev.next!=None and prev.next.val==prev.val:
        prev.next = None
    return dummyHead.next
```