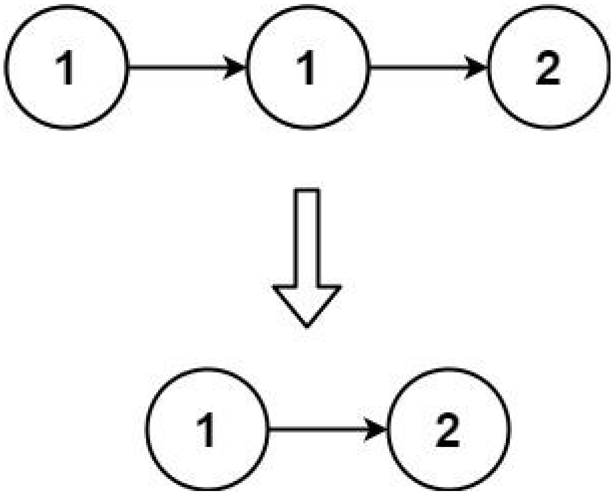
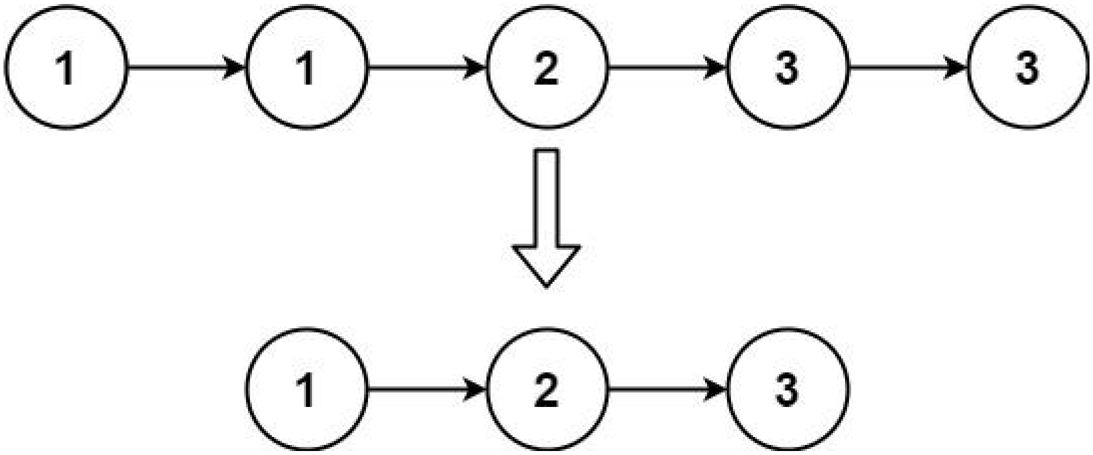
Given the head of a sorted linked list, *delete all duplicates such that each element appears only once*. Return *the linked list sorted as well*.

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 <= Node.val <= 100**
- **The list is guaranteed to be sorted in ascending order.**

Solution:

```
class Solution {
    public ListNode deleteDuplicates(ListNode head) {
        ListNode temp=head;
        if(head==null){
            return null;
        }
        while(temp!=null&&temp.next!=null){
            if(temp.val==(temp.next).val){
                temp.next=temp.next.next;
            }else{
                temp=temp.next;
            }
        }
        return head;
    }
}
```