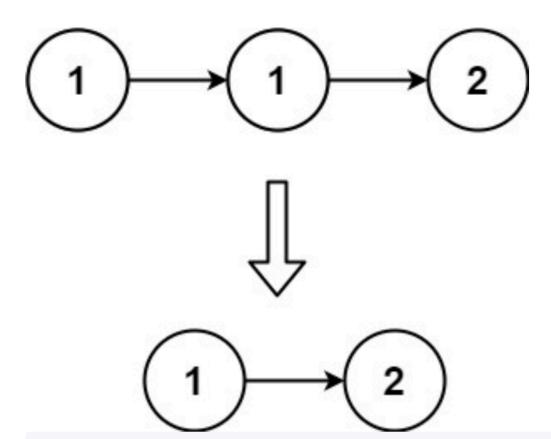
83. Remove Duplicates from Sorted List

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.

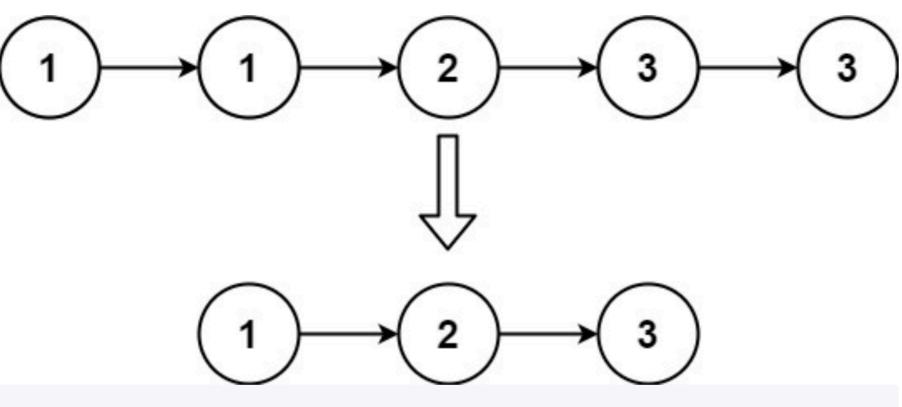
Example 1:



Input: head = [1,1,2]

Output: [1,2]

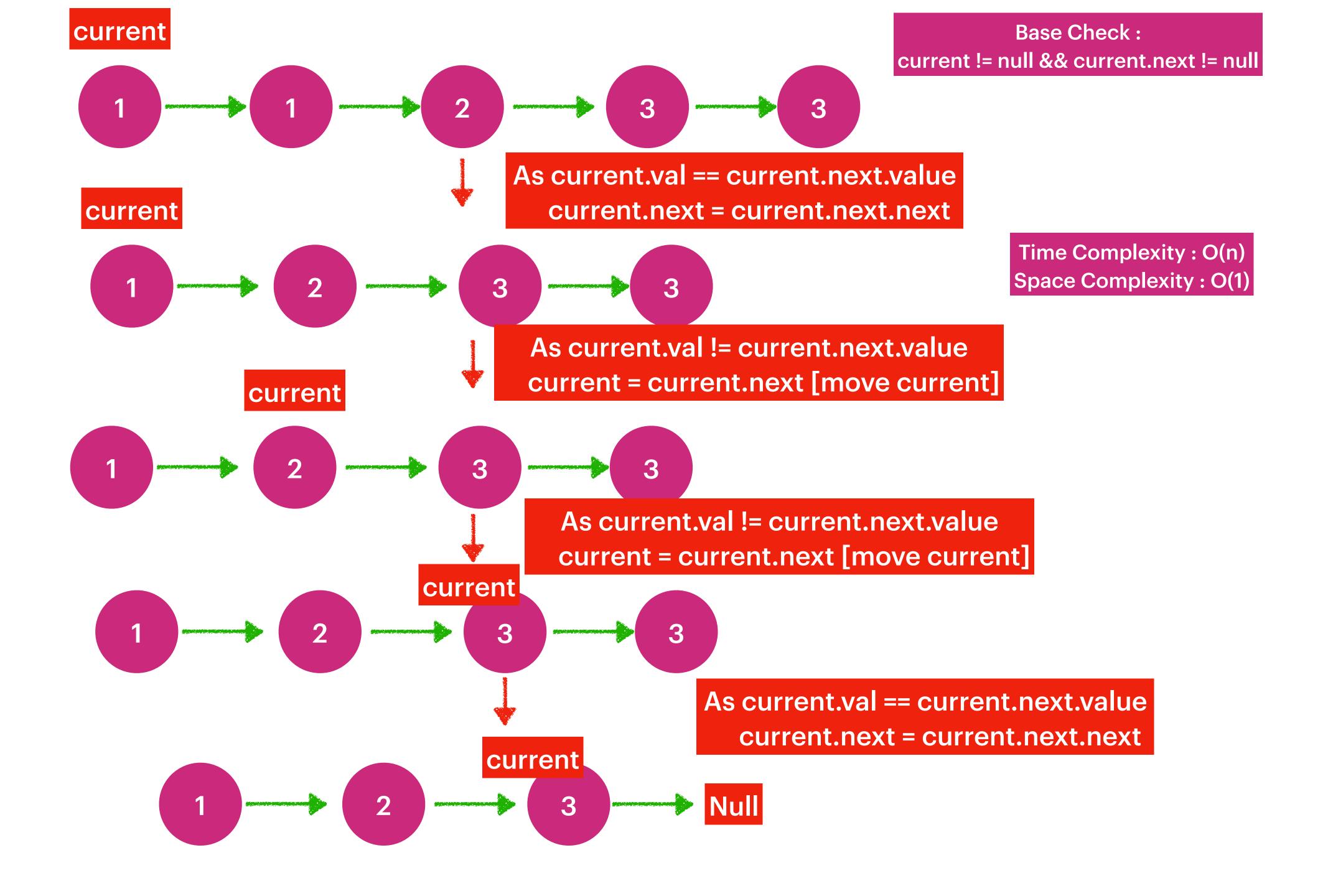
Example 2:



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

Output: [1,2,3]

- 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.

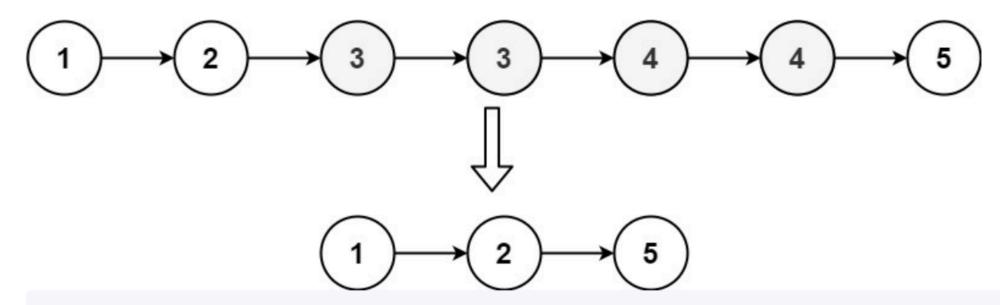


82. Remove Duplicates from Sorted List II

Medium ☐ 5743 ☐ 167 ☐ Add to List ☐ Share

Given the head of a sorted linked list, delete all nodes that have duplicate numbers, leaving only distinct numbers from the original list. Return the linked list **sorted** as well.

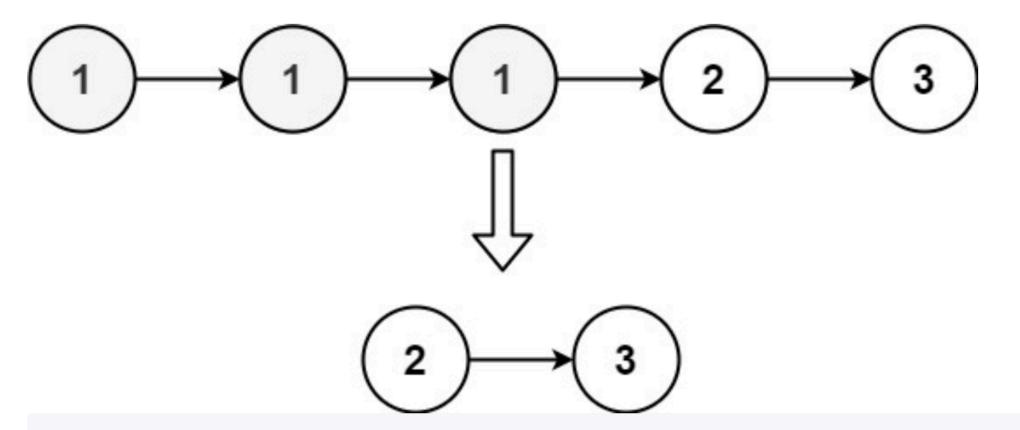
Example 1:



Input: head = [1,2,3,3,4,4,5]

Output: [1,2,5]

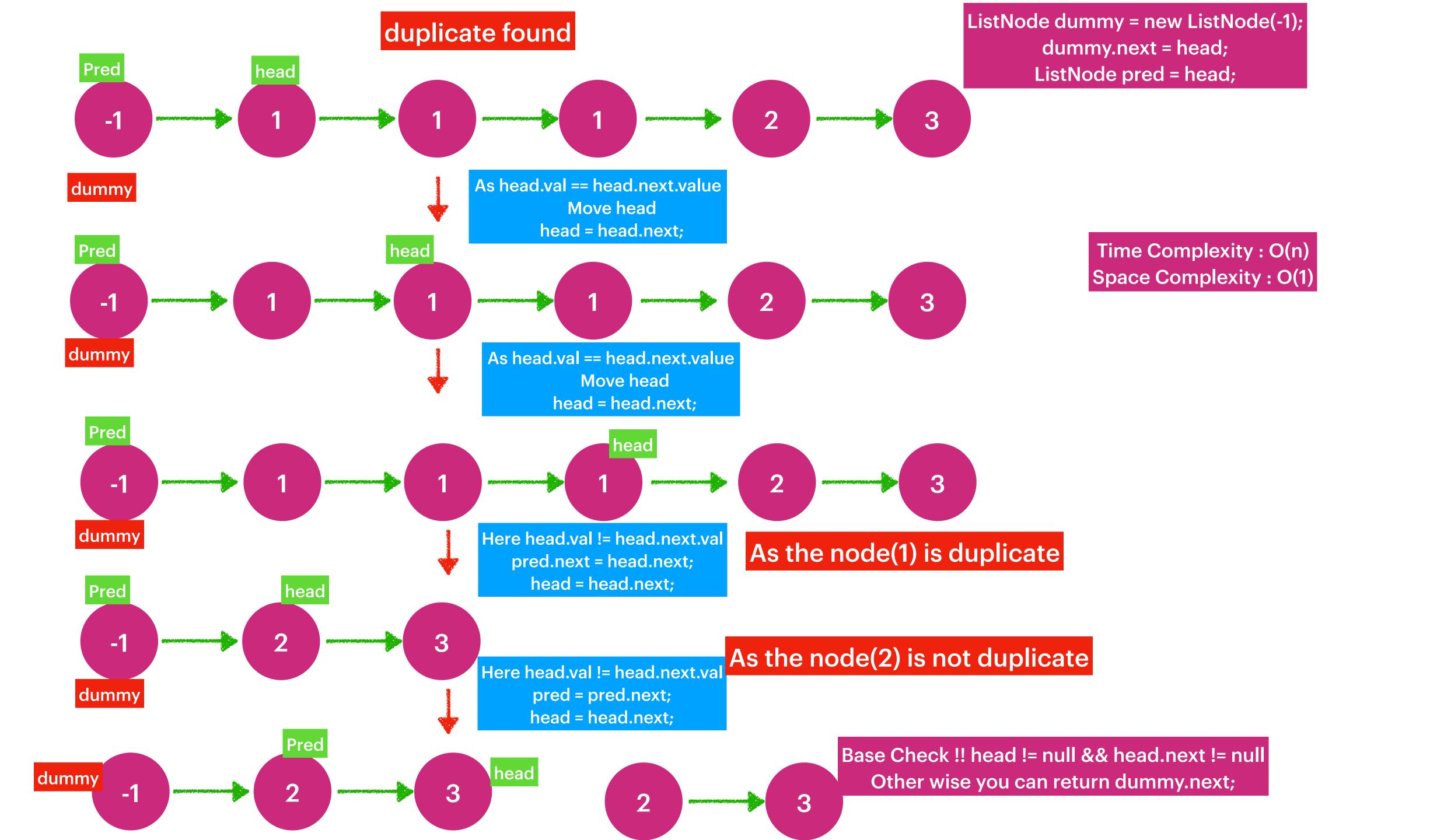
Example 2:



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

Output: [2,3]

- 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.

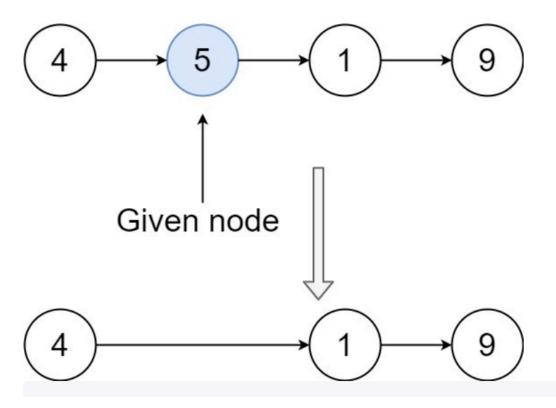


237. Delete Node in a Linked List

Write a function to **delete a node** in a singly-linked list. You will **not** be given access to the head of the list, instead you will be given access to **the node to be deleted** directly.

It is **guaranteed** that the node to be deleted is **not a tail node** in the list.

Example 1:

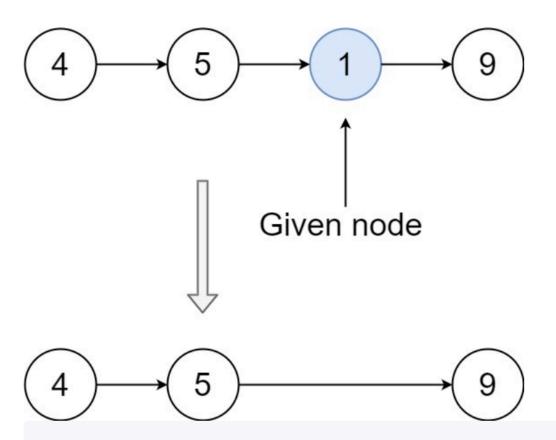


Input: head = [4,5,1,9], node = 5

Output: [4,1,9]

Explanation: You are given the second node with value 5, the linked list should become 4 -> 1 -> 9 after calling your function.

Example 2:



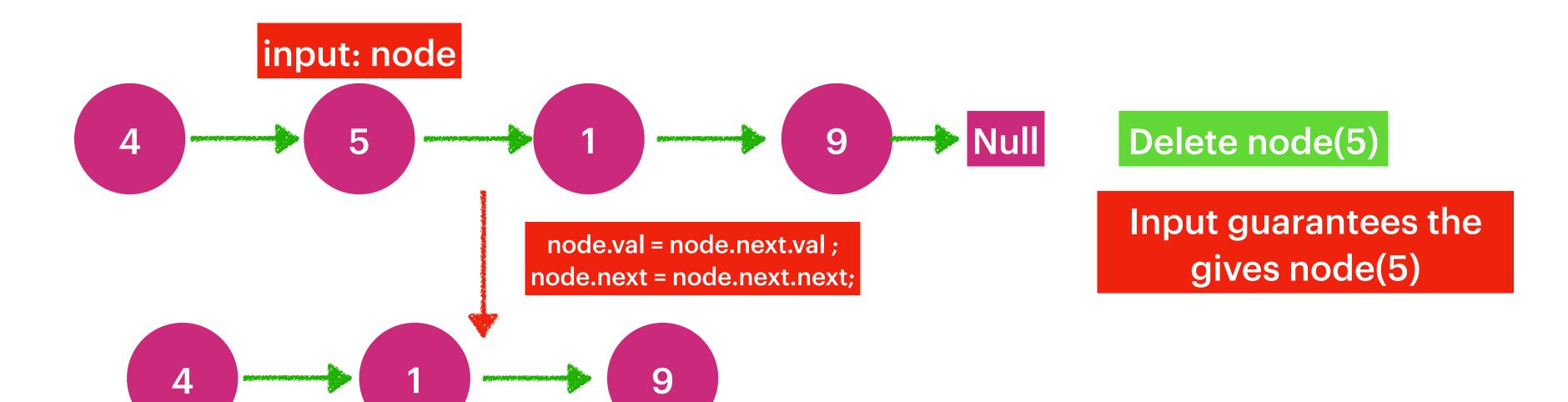
Input: head = [4,5,1,9], node = 1

Output: [4,5,9]

Explanation: You are given the third node with value 1, the linked

list should become 4 \rightarrow 5 \rightarrow 9 after calling your function.

- The number of the nodes in the given list is in the range [2, 1000].
- -1000 <= Node.val <= 1000
- The value of each node in the list is unique.
- The node to be deleted is in the list and is not a tail node

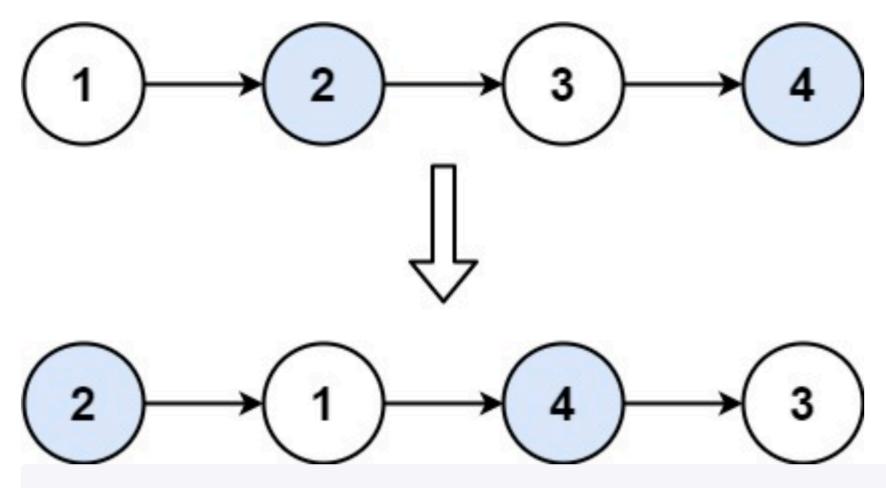


Time Complexity: O(1)
Space Complexity: O(1)

24. Swap Nodes in Pairs

Given a linked list, swap every two adjacent nodes and return its head. You must solve the problem without modifying the values in the list's nodes (i.e., only nodes themselves may be changed.)

Example 1:



Input: head = [1,2,3,4]

Output: [2,1,4,3]

Example 2:

```
Input: head = []
Output: []
```

Example 3:

```
Input: head = [1]
Output: [1]
```

- The number of nodes in the list is in the range [0, 100].
- 0 <= Node.val <= 100

