

Difficulty: ■ Category: Successful Submissions: 53,978+

Remove Duplicates From Linked List ○ ★

You're given the head of a Singly Linked List whose nodes are in sorted order with respect to their values. Write a function that returns a modified version of the Linked List that doesn't contain any nodes with duplicate values. The Linked List should be modified in place (i.e., you shouldn't create a brand new list), and the modified Linked List should still have its nodes sorted with respect to their values.

Each `LinkedList` node has an integer `value` as well as a `next` node pointing to the next node in the list or to `None` / `null` if it's the tail of the list.

Sample Input

```
linkedList = 1 -> 1 -> 3 -> 4 -> 4 -> 4 -> 5 -> 6 -> 6 // the head node with value 1
```

Sample Output

```
1 -> 3 -> 4 -> 5 -> 6 // the head node with value 1
```

Hints

Hint 1

Hint 2

Hint 3

Optimal Space & Time Complexity