

Remove Duplicates from Sorted List II

For this problem we must delete all duplicates, not just leave one copy.

Key Idea:

Since the list is sorted:

- Duplicates will appear in consecutive nodes.
- We must remove all nodes with duplicate values. (not keep any duplicates).

Approach:

1. Use dummy node before the head to handle edge cases (like duplicates at the start).
2. Maintain two pointers:
 - prev (last node before the duplicate sequence).
 - curr (current node being checked).
3. If a sequence of duplicates is found:
 - Skip all nodes with that value by linking prev \rightarrow next to the first distinct node.
4. Otherwise, move prev forward.

Complexity:

- Time: $O(n)$ (one travel of the list)
- Space: $O(1)$ (in place removal)