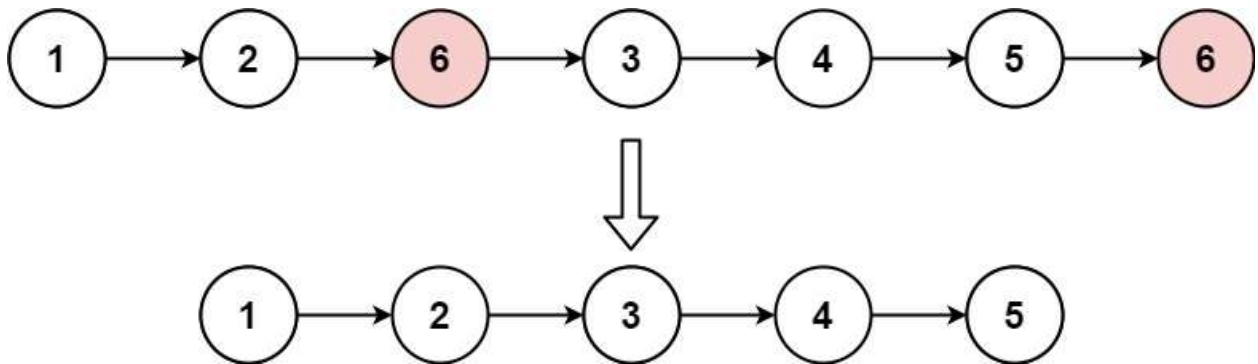


Remove Linked List Elements

Given the head of a linked list and an integer `val`, remove all the nodes of the linked list that has `Node.val == val`, and return *the new head*.

Example 1:



Input: `head = [1,2,6,3,4,5,6]`, `val = 6`

Output: `[1,2,3,4,5]`

Example 2:

Input: `head = []`, `val = 1`

Output: `[]`

Example 3:

Input: `head = [7,7,7,7]`, `val = 7`

Output: `[]`

Constraints:

- The number of nodes in the list is in the range $[0, 10^4]$.
- $1 \leq \text{Node.val} \leq 50$
- $0 \leq \text{val} \leq 50$