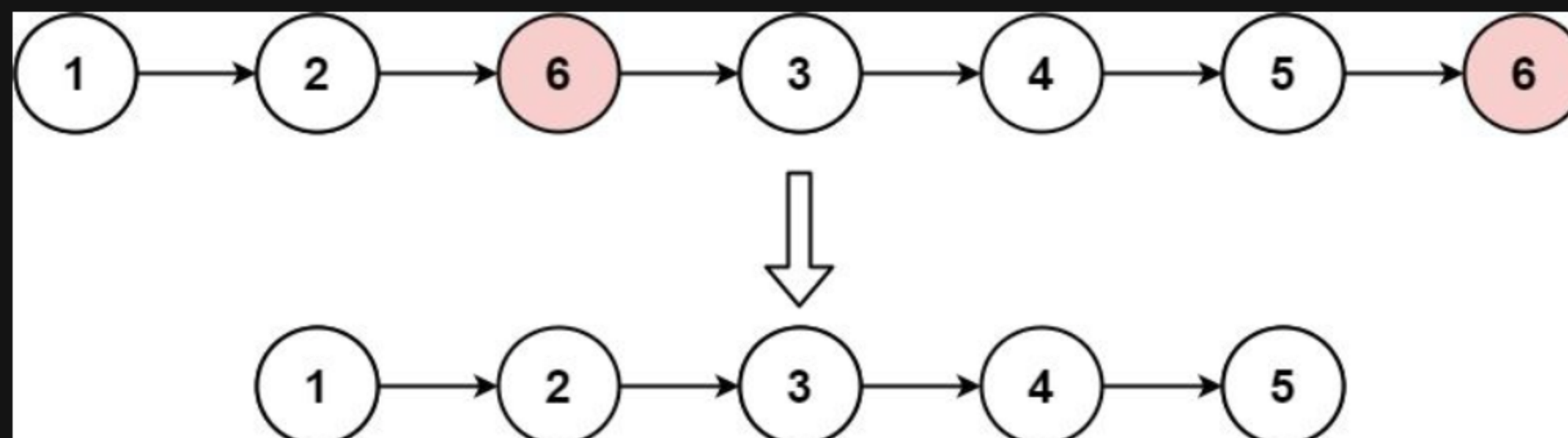


# 203. Remove Linked List Elements

## Description

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, 104]`.
- `1 <= Node.val <= 50`
- `0 <= val <= 50`

