

328. Odd Even Linked List

Description

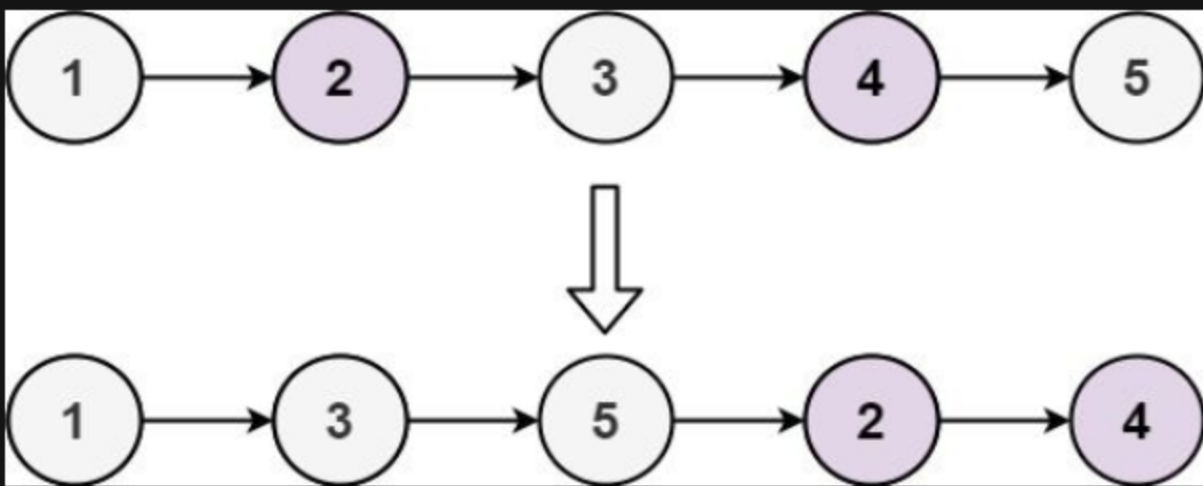
Given the `head` of a singly linked list, group all the nodes with odd indices together followed by the nodes with even indices, and return *the reordered list*.

The **first** node is considered **odd**, and the **second** node is **even**, and so on.

Note that the relative order inside both the even and odd groups should remain as it was in the input.

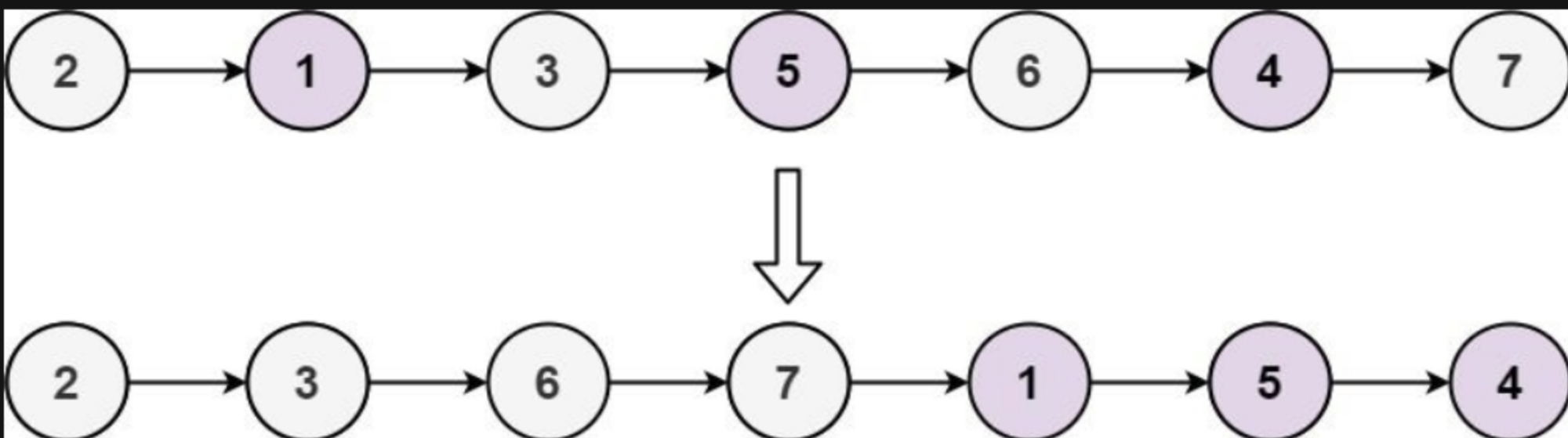
You must solve the problem in `O(1)` extra space complexity and `O(n)` time complexity.

Example 1:



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

Example 2:



Input: `head = [2,1,3,5,6,4,7]`
Output: `[2,3,6,7,1,5,4]`

Constraints:

- The number of nodes in the linked list is in the range `[0, 104]`.
- `-106 <= Node.val <= 106`

