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/**
 * Definition for singly-linked list.
 * public class ListNode {
 *     int val;
 *     ListNode next;
 *     ListNode(int x) { val = x; }
 * }
 */
class Solution {
    public ListNode swapPairs(ListNode head) {
        if (head == null || head.next == null)
            return head;
        ListNode l1 = head, l2 = head.next, l3 = head.next.next;
        l2.next = l1;
        l1.next = swapPairs(l3);
        return l2;
    }
}
```