



Description

Editorial

Solutions (10.7K)

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Java

Auto



206. Reverse Linked List

Easy



18.6K

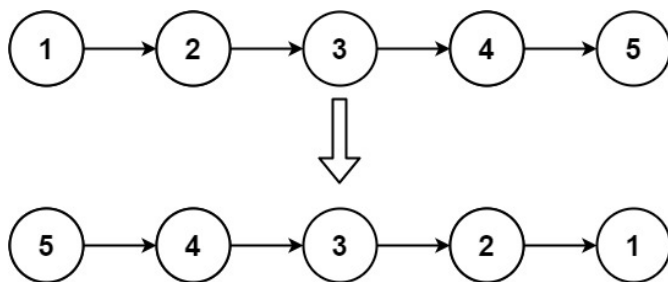
343



Companies

Given the `head` of a singly linked list, reverse the list, and return *the reversed list*.

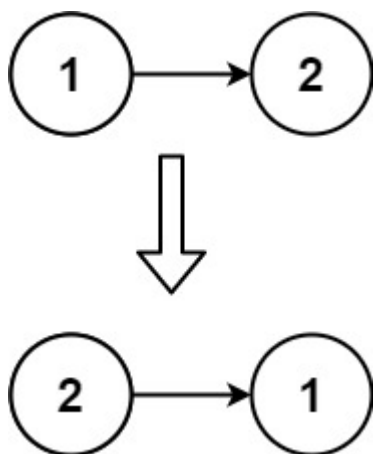
Example 1:



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

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

Example 2:



Input: `head = [1,2]`

Output: `[2,1]`

```
3  * public class ListNode {
4  *     int val;
5  *     ListNode next;
6  *     ListNode() {}
7  *     ListNode(int val) { this.val = val; }
8  *     ListNode(int val, ListNode next) {
9  *         this.val = val;
10 *         this.next = next;
11 *     }
12 * }
13
14 class Solution {
15     public ListNode reverseList(ListNode head) {
16         if(head != null) {
17             ListNode current = head;
18             ListNode next = null;
19             ListNode prev = null;
20             while(current != null) {
21                 next = current.next;
22                 current.next = prev;
23                 prev = current;
24                 current = next;
25             }
26             if(prev != null) {
27                 head = prev;
28             }
29             return head;
30         }
31     }
32 }
```

Console



Run

Subr