📄 Description   🔒 Solution ▶   💬 Discuss (999+)   ⏱ Submissions

i Java ▼   Autocomplete

206. Reverse Linked List

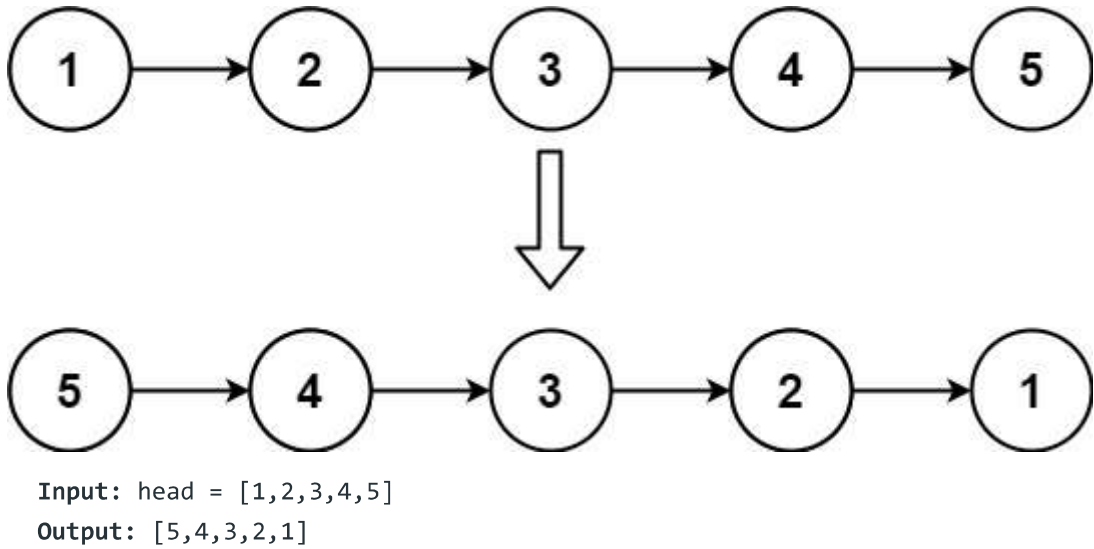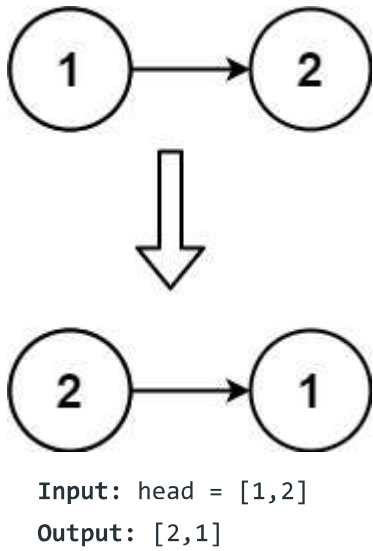Easy   👍 11160   👎 193   ♡ Add to List   ⎘ Share

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]
```

Example 3:

```java
 1   /**
 2    * Definition for singly-linked list.
 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) { this.val = val; this.next = next; }
 9    * }
10    */
11   class Solution {
12       public ListNode reverseList( ListNode head ) {
13
14           if (head == null)
15               return null;
16
17           ListNode currentNode = head;
18           ListNode nextNode;
19           ListNode previousNode = null;
20
21           while (currentNode != null) {
22               nextNode = currentNode.next;
23               currentNode.next = previousNode;
24               previousNode = currentNode;
25               currentNode = nextNode;
26           }
27
28           head = previousNode;
29
30           return head;
31       }
32   }
```