Description | Editorial | Solutions | Submissions

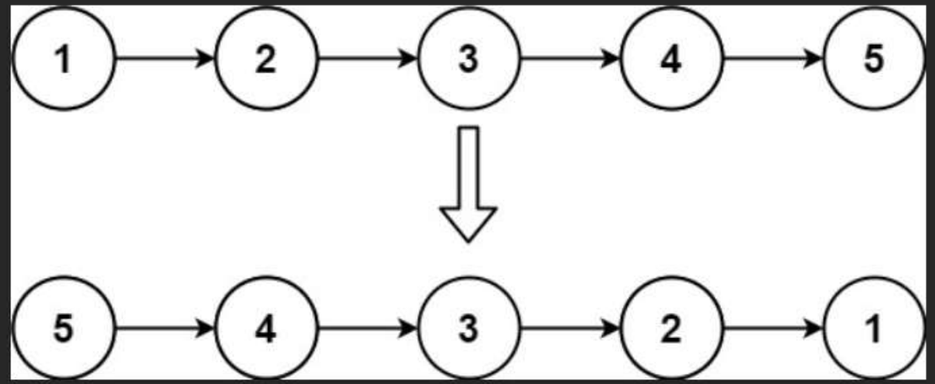
206. Reverse Linked List

Solved

Easy | Topics | 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:

20.7K | 134

Code

C | Auto

```c
/**
 * Definition for singly-linked list.
 * struct ListNode {
 *     int val;
 *     struct ListNode *next;
 * };
 */
struct ListNode* reverseList(struct ListNode* head) {
    struct ListNode *prev=NULL;
    struct ListNode *current=head;
    struct ListNode *next=NULL;
    while(current!=NULL)
    {
        next=current->next;
        current->next=prev;
        prev=current;
        current=next;
    }
    head=prev;
    return prev;
}
```

Ln 1, Col 1 | Saved to local

Run | Submit

Testcase | Test Result

Testcase | Test Result

Accepted Runtime: 0 ms

• Case 1 • Case 2 • Case 3

Input

head =
[1,2,3,4,5]

Output

[5,4,3,2,1]

Expected

[5,4,3,2,1]

Contribute a testcase

Testcase | Test Result

Accepted Runtime: 0 ms

• Case 1 • Case 2 • Case 3

Input

head =
[1,2]

Output

[2,1]

Expected

[2,1]

Contribute a testcase

Testcase | Test Result

Accepted Runtime: 0 ms

• Case 1 • Case 2 • Case 3

Input

head =
[]

Output

[]

Expected

[]

Contribute a testcase