

反转链表

反转一个单链表。

示例:

输入: 1->2->3->4->5->NULL

输出: 5->4->3->2->1->NULL



```
public ListNode reverseList(ListNode head) {  
    ListNode pre = null;  
    ListNode cur = head;  
    while(cur!=null) {  
        ListNode tmp = cur.next;  
        cur.next = pre;  
        pre = cur;  
        cur = tmp;  
    }  
    return pre;  
}
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```
/**
 * Definition for singly-linked list.
 * struct ListNode {
 *     int val;
 *     struct ListNode *next;
 * };
 */
struct ListNode* reverseList(struct ListNode* head){
    if(head==NULL)
        return NULL;

    struct ListNode* prev=NULL;
    struct ListNode* cur=head;
    while(cur)
    {
        struct ListNode* tmp=cur->next;
        cur->next=prev;
        prev=cur;
        cur=tmp;
    }
}
```

```
    }  
    return prev;  
}
```