# 反转链表

## 题目

[牛客网](https://www.nowcoder.com/practice/75e878df47f24fdc9dc3e400ec6058ca?tpId=13&tqId=11168&rp=1&ru=%2Fta%2Fcoding-interviews&qru=%2Fta%2Fcoding-interviews%2Fquestion-ranking&tPage=1)

输入一个链表，反转链表后，输出新链表的表头。

## 解题思路

1. 三个指针

public ListNode ReverseList(ListNode head) {  
 if (head == null || head.next == null) {  
 return head;  
 }  
  
 ListNode pre = head, cur = head.next, next;  
 pre.next = null;  
  
 while (cur != null) {  
 next = cur.next;  
 cur.next = pre;  
  
 pre = cur;  
 cur = next;  
 }  
  
 return pre;  
}