```cpp
/**
 * Definition for singly-linked list.
 * struct ListNode {
 *     int val;
 *     ListNode *next;
 *     ListNode() : val(0), next(nullptr) {}
 *     ListNode(int x) : val(x), next(nullptr) {}
 *     ListNode(int x, ListNode *next) : val(x), next(next) {}
 * };
 */
class Solution {
public:
    ListNode* reverseList(ListNode* head) {
        //活动指针
        ListNode *current=head;
        //构造临时指针
        ListNode *temp=nullptr;
        while(current≠nullptr){
            //构造一个临时的next指针
            ListNode* next=current→next;
            current→next=temp;
            //临时头指针指向current
            temp=current;
            //current更新
            current=next;
        }
        return temp;
    }
};```
```