

Reverse a singly linked list.

C++:

```
1  /**
2  * Definition for singly-linked list.
3  * struct ListNode {
4  *     int val;
5  *     ListNode *next;
6  *     ListNode(int x) : val(x), next(NULL) {}
7  * };
8  */
9  class Solution {
10 public:
11     ListNode* reverseList(ListNode* head) {
12
13     }
14 };
```

Sample input:

1 → 2 → 3 → 4 → 5 → *NULL*

Sample output:

5 → 4 → 3 → 2 → 1 → *NULL*