

Problem List

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206. Reverse Linked List

Solved

EasyTopicsCompanies

Given the head of a singly linked list, reverse the list, and return the reversed list.

Example 1:

```
graph LR; 1((1)) --> 2((2)); 2 --> 3((3)); 3 --> 4((4)); 4 --> 5((5)); 5 --> null; 5 --> 4; 4 --> 3; 3 --> 2; 2 --> 1; 1 --> null;
```

Input: head = [1,2,3,4,5]
Output: [5,4,3,2,1]

Example 2:

Code

Auto

```
1 struct ListNode* reverseList(struct ListNode* head) {  
2     struct ListNode* prev = NULL;  
3     struct ListNode* curr = head;  
4     struct ListNode* nextNode;  
5  
6     while (curr != NULL) {  
7         nextNode = curr->next;  
8         curr->next = prev;  
9         prev = curr;  
10        curr = nextNode;  
11    }  
12    return prev;  
13 }  
14
```

SavedLn 9, Col 33