

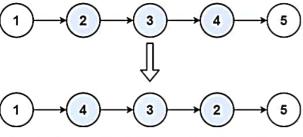


### 92. Reverse Linked List II

Medium 🛇 Topics 🔒 Companies

Given the head of a singly linked list and two integers left and right where left <= right, reverse the nodes of the list from position left to position right, and return the reversed list.

### Example 1:



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

#### Example 2:

Input: head = [5], left = 1, right = 1
Output: [5]

```
C ∨ Auto
      struct ListNode* reverseBetween(struct ListNode* head, int left, int right) {
          if (head == NULL|| left == right)
   3
   4
              return head;
   5
          struct ListNode *dummy = (struct ListNode*)malloc(sizeof(struct ListNode));
          dummy->next=head;
          struct ListNode *prev=dummy;
          for(int i=1; i<left; i++)
  10
  11
              prev=prev->next;
  12
          struct ListNode* current=prev->next;
  13
          struct ListNode* next=NULL;
          struct ListNode* tail=current;
  15
  16
          for(int i=left; i<=right; i++){
              struct ListNode* temp=current->next;
  17
  18
              current->next=next;
  19
              next=current;
  20
              current=temp;
  21
  22
          prev->next=next;
          tail->next=current;
          struct ListNode* result=dummy->next;
  24
          free(dummy);
  26
          return result;
  27
```

Saved to local

(/> Code

# Accepted Runtime: 0 ms

- Case 1
   Case 2

## Input

head =

[1,2,3,4,5]

left =

2

right =

4

## Output

## Expected

[1,4,3,2,5]

