 Marwadi University	Marwadi University Faculty of Technology Department of Information and Communication Technology	
Sem : 6	Name : Pushti Depani	
Day : 133	Date : 28/2/2023	Enrollment No: 92000133018

CP Club 365 Days Challenge

Programming language – Any language


Problem Statement

[https://practice.geeksforgeeks.org/problems/rotate-a-linked-list/1?page=2&difficulty\[\]=1&status\[\]=unsolved&curated\[\]=1&sortBy=submissions](https://practice.geeksforgeeks.org/problems/rotate-a-linked-list/1?page=2&difficulty[]=1&status[]=unsolved&curated[]=1&sortBy=submissions)

<https://github.com/Pushti18/CP-Club-100-onwards->

Your Code:

```
class Solution
{
    public:
    //Function to rotate a linked list.
    Node* rotate(Node* head, int k)
    {
        // Your code here
        int a=0;
        Node *c=head;
        if(c==NULL || c->next==NULL)
            return head;
        while(c!=NULL){
            a++;
            c=c->next;
        }
        k=k%a;
        Node *tail=head,*d=NULL;
        for(int i=0;i<k;i++){
            while(tail->next!=NULL){
```


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```

        d=tail;
        tail=tail->next;
    }
    d->next=NULL;
    tail->next=head;
    head=tail;
}
return head;
}
};

```

Output (Screen Shot):

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Output Window

Compilation Results
Custom Input

[Suggest Feedback](#)

Wrong Answer. !!!

Possibly your code does not work correctly for multiple test-cases (TCs).

The first test case where your code failed:

Test Cases Passed:

2 / 2113

For Input:

```
5
11 23 17 21 17
2
```

Your Code's output is:

```
21 17 11 23 17
```


It's Correct output is:

Understanding about problem:

In this problem we will first compare k is equal to length then $k==0$ or else $k\% \text{ length}$. Then set last node to point to head node. And then traverse through the list till we get $\text{length} - k$ node. And then get the temp node and then set to next. Print the node.

Note: If you can't understand the problem, feel free to contact us and we'll help you. Please don't copy and paste from anywhere.

ALL THE BEST

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Team CP Club