Question :

Ashok is an Engineering student. On his phone, he is having a playlist of melody songs. Ashok's friend Balaji accidentally added some rap songs to that playlist. But Ashok doesn't want those songs. Help Ashok, to remove those rap songs. Melody songs will be represented as 'M'. Rap songs will be represented as 'R'.

Tags :

Linked List, Arrays

Input Description :

First line consists of a number of songs.
Second line consists of songs list.

Output Description :

Songs list after removing rap songs.

Solution :

```
# Odd One Out

class Node:
    '''Initializes a Node for Singly Linked List'''
    def __init__(self, data):
        self.data = data
        self.next = None

class LinkedList:
    ''' Initializes a Linked List'''
    def __init__(self):
        self.head = None

    def printLinkedList(self):
        ''' Prints LinkedList '''
        temp = self.head
        while temp is not None:
            if temp.next is not None:
                print(temp.data, end = " ")
            else:
                print(temp.data, end = "")
            temp = temp.next

    def remove_raps(self):
        if self.head.data == 'R':
```

```python
                self.head = self.head.next
            temp1 = self.head
            temp2 = self.head.next
            while temp2 is not None:
                if temp2.data == 'R':
                    temp1.next = None
                    temp1.next = temp2.next
                    temp2.next = None
                temp1 = temp1.next
                temp2 = temp2.next
            if temp1.next.data == 'R':
                temp1.next = None


def createLinkedList(lst, n):
    ''' Creates a LinkedList '''
    ll = LinkedList()
    temp = ll.head
    for i in range(n):
        new_node = Node(lst[i])
        if ll.head is None:
            ll.head = new_node
            temp = new_node
        else:
            temp.next = new_node
            temp = new_node

    return ll


n = int(input())
songs_list = createLinkedList([x for x in input().split()], n)

songs_list.remove_raps()

songs_list.printLinkedList()
```

Test Cases :

Test case 1:
Input

5
M M R M M
Output
M M M M

Test case 2:
Input
5
R M M R M
Output
M M M

Test case 3:
Input
5
R M R M R
Output
M M

Test case 4:
Input
10
R M R M R M R M R M
Output
M M M M

Test case 5 :
7
R M R M R M R M
Output
M M M M