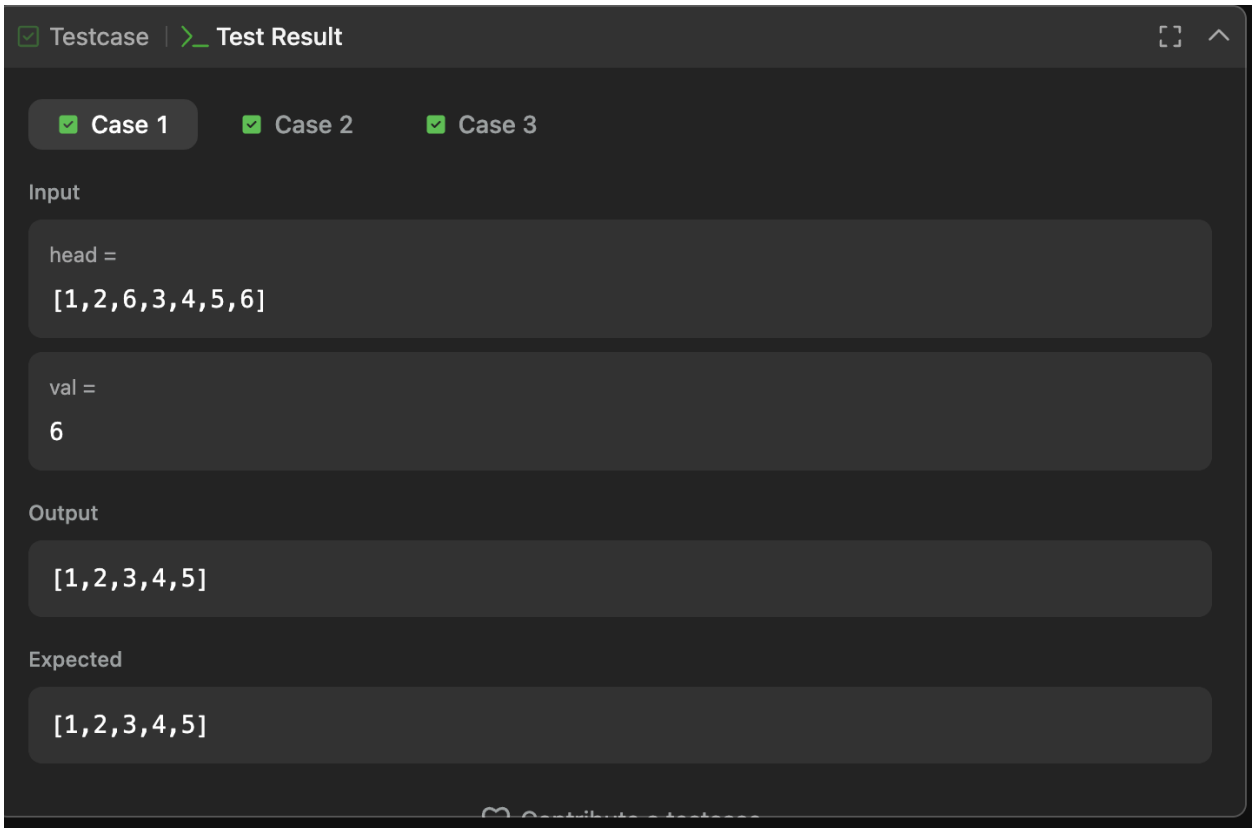
```c
/**
* Definition for singly-linked list.
* struct ListNode {
*     int val;
*     struct ListNode *next;
* };
*/
struct ListNode* removeElements(struct ListNode* head, int val) {
   struct ListNode *current;
   struct ListNode *temp;
   while (head != NULL && head->val == val) {
       temp = head;
       head = head->next;
       free(temp);
   }
   current = head;
   while (current != NULL && current->next != NULL) {
       if (current->next->val == val) {
           temp = current->next;
           current->next = temp->next;
           free(temp);
       } else {
           current = current->next;
       }
   }
   return head;
}
```


Testcase
Test Result
Case 1
Case 2
Case 3
Input
head =
[1,2,6,3,4,5,6]
val =
6
Output
[1,2,3,4,5]
Expected
[1,2,3,4,5]