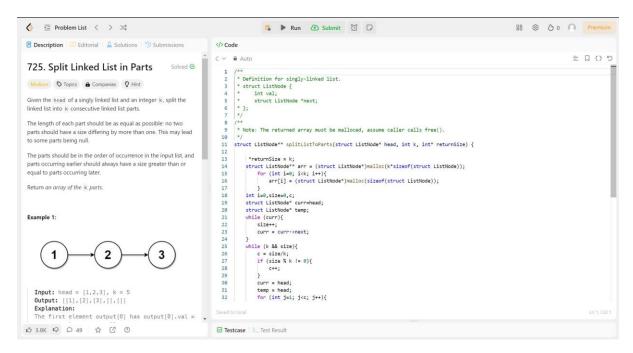
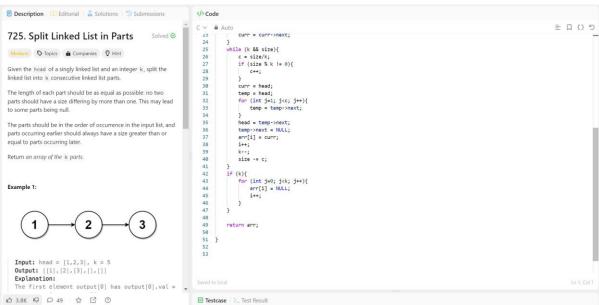
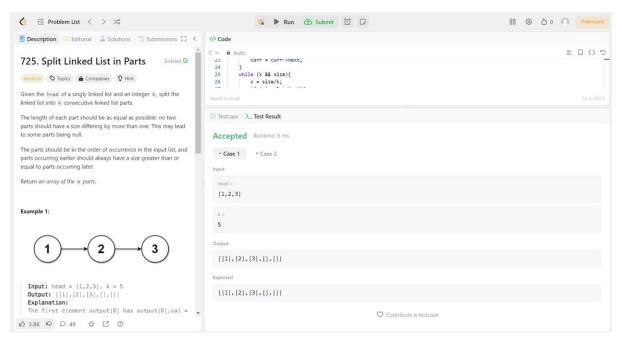
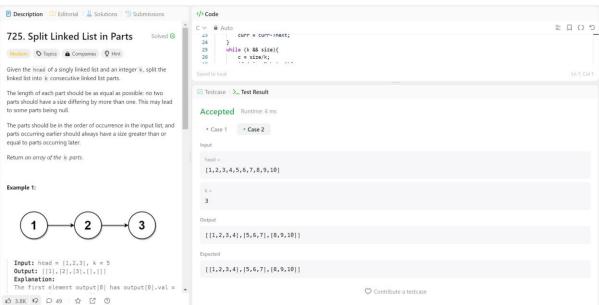
//split linked list into parts





Output





Code

```
/**
 * Definition for singly-linked list.
 * struct ListNode {
 * int val;
 * struct ListNode *next;
 * };
 */
/**
 * Note: The returned array must be malloced, assume caller calls free().
 */
```

```
struct ListNode** splitListToParts(struct ListNode* head, int k, int* returnSize)
{
     *returnSize = k;
    struct ListNode** arr = (struct ListNode*)malloc(k*sizeof(struct ListNode));
        for (int i=0; i<k; i++){</pre>
            arr[i] = (struct ListNode*)malloc(sizeof(struct ListNode));
    int i=0,size=0,c;
    struct ListNode* curr=head;
    struct ListNode* temp;
    while (curr){
        size++;
        curr = curr->next;
    while (k && size){
        c = size/k;
        if (size % k != 0){
            c++;
        curr = head;
        temp = head;
        for (int j=1; j<c; j++){</pre>
            temp = temp->next;
        head = temp->next;
        temp->next = NULL;
        arr[i] = curr;
        i++;
        k--;
        size -= c;
    }
    if (k){
        for (int j=0; j<k; j++){</pre>
            arr[i] = NULL;
            i++;
        }
    }
    return arr;
}
```