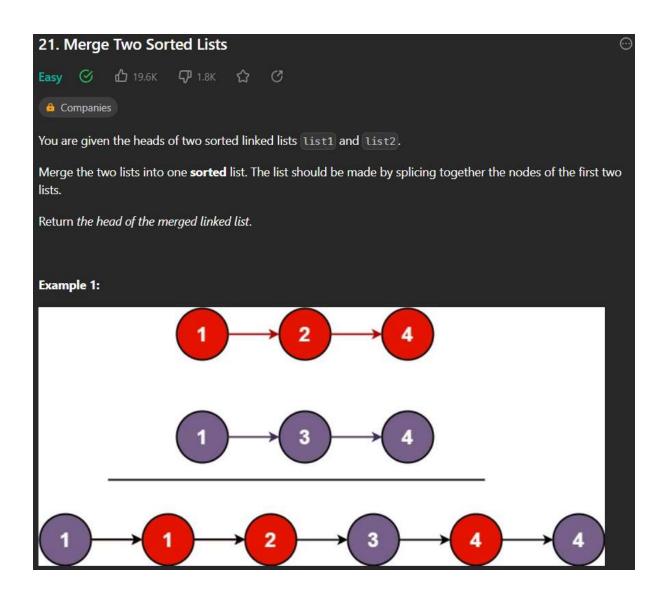
LEETCODE SOLUTIONS - YOGESH MUNEES



Solution:

```
/**
 * Definition for singly-linked list.
 * struct ListNode {
 * int val;
 * struct ListNode *next;
 * };
 */
struct ListNode* mergeTwoLists(struct ListNode* list1, struct ListNode* list2){
    struct ListNode * temp1 = list1;
    struct ListNode * temp2 = list2;
    if(temp2==NULL) return list1;
    if(temp1==NULL) return list2;
```

```
struct ListNode * add = (struct ListNode *)malloc(sizeof(struct ListNode));
struct ListNode * track = add;
if(temp1->val <= temp2->val){
    add->val = temp1->val;
    add->next = NULL;
    temp1 = temp1->next;
    add->val = temp2->val;
    add->next = NULL;
    temp2 = temp2->next;
while(temp1!=NULL && temp2!=NULL){
    struct ListNode *new = (struct ListNode *)malloc(sizeof(struct ListNode));
    printf("%d %d\n",temp1,temp2->val);
    if(temp1->val <= temp2->val){
        new->val = temp1->val;
        new->next = add->next;
        add->next = new;
        add = add->next;
        temp1 = temp1->next;
    else{
        new->val = temp2->val;
        new->next = add->next;
        add->next = new;
        add = add->next;
        temp2 = temp2->next;
if(temp1==NULL){
            add->next = temp2;
            return track;
if(temp2==NULL){
            add->next = temp1;
            return track;
return track;
```