LEETCODE SOLUTIONS - YOGESH MUNEES

Solution:

```
/**
 * Definition for singly-linked list.
 * struct ListNode {
 * int val;
 * struct ListNode *next;
 * };
 */
struct ListNode* merge(struct ListNode* list1,struct ListNode* list2){
 if(list1==NULL)
    return list2;
 if(list2==NULL)
    return list1;
 struct ListNode* node = NULL;
 if(list1->val<list2->val){
    node = list1;
    node->next = merge(list1->next,list2);
 } else {
    node = list2;
    node->next = merge(list1,list2->next);
 }
 return node;
}
```

```
struct ListNode* mergeKLists(struct ListNode** lists, int listsSize){
    struct ListNode* result = NULL;
    for(int i=0;i<listsSize;i++){
        result = merge(result,lists[i]);
    }
    return result;
}</pre>
```