LeetCode

Merge two Sorted Lists

class Solution {

public:

ListNode\* mergeTwoLists(ListNode\* left, ListNode\* right) {

if(left==NULL)

return right;

if(right==NULL)

return left;

ListNode\* ans=new ListNode(-1);

ListNode\* mptr=ans;

while(left&&right){

if(left->val<=right->val){

mptr->next=left;

mptr=left;

left=left->next;

}

else

{

mptr->next=right;

mptr=right;

right=right->next;

}

}

if(left){

mptr->next=left;

}

if(right){

mptr->next=right;

}

return ans->next;

}

};