.删除排序链表中的重复元素

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\* Definition for singly-linked list.

\* struct ListNode {

\* int val;

\* ListNode \*next;

\* ListNode(int x) : val(x), next(NULL) {}

\* };

\*/

class Solution {

public:

ListNode\* deleteDuplicates(ListNode\* head) {

ListNode \*s,\*p,\*q,\*r,\*t;

int x;

scanf("%d",&x);

head=(ListNode\*)malloc(sizeof(ListNode));

head->next=NULL;

while(x)

{

s=(ListNode\*)malloc(sizeof(ListNode));

s->val=x;

if(head==NULL) head=s;

else r->next=s;

r=s;

scanf("%d",&x);

}

p=head->next;

while(p->next)

{

q=p;

while(q->next)

{ if(q->next->val==p->val)

{

t=q->next;

q->next=t->next;

free(t);

}

else q=q->next;

}p=p->next;

}

return head;

};

};