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阅读原文

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【程序71】题目：编写input()和output()函数输入，输出5个学生的数据记录。1.程序分析：2.程序源代码

```
#define N 5
struct student{ char num[6]. char name[8]. int score[4].}
stu[N].input(stu)
struct student stu[].{ int i, j. for(i=0. i {
printf("\n please input %d of %d\n", i 1, N). printf("num: ").
scanf("%s", stu[i].num). printf("name: "). scanf("%s", stu[i].name).
for(j=0. j { printf("score %d.", j 1). scanf("%d", amp.num).
ptr->data = num. ptr->next = (link)malloc(sizeof(node)). if(i==4)
ptr->next = NULL. else ptr = ptr->next. } ptr = head. while(ptr !=
NULL) { printf("The value is ==>%d\n", ptr->data). tr = ptr->next.
}}
```

【程序73】题目：反向输出一个链表。1.程序分析：2.程序

```
源代码：/*reverse output a list*/#include "stdlib.h"#include
"stdio.h"
struct list{ int data. struct list *next.}.typedef struct list
node.
typedef node *link.
void main(){ link ptr, head, tail. int num, i.
tail = (link)malloc(sizeof(node)). tail->next = NULL. ptr = tail.
printf("\nplease input 5 data==>\n"). for(i=0. i { scanf("%d",
&amp.num). ptr->data = num. head = (link)malloc(sizeof(node)).
head->next = ptr. ptr = head. } ptr = ptr->next. while(ptr != NULL)
{ printf("The value is ==>%d\n", ptr->data). ptr = ptr->next. }}
```

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