//

// main.c

// 约瑟夫环问题

//

// Created by mac on 15/10/19.

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//

#include <stdio.h>

#include <stdlib.h>

#define len struct person

typedef struct person {

int num;

int Password;

len \*next;

}node;

struct person \*Creat(int \*n){

node \*pHead;

int i=1;

node \*s,\*p;

pHead=(node\*)malloc(sizeof(len));

p->next=pHead->next;

if (n!=0) {

while (i<\*n) {

s=(struct person\*)malloc(sizeof(len));

s->num=i++;

p->next=s;

p=s;

}

s->next=pHead->next;

}

free(pHead);

return s->next;

}

int main(int argc, const char \* argv[]) {

// insert code here...

int n,p[6],first,i;

node \*team,\*v;

printf("请输入总人数n：\n");

scanf("%d",&n);

team=Creat(&n);

v=team;

printf("请选择第一个出队人：\n");

scanf("%d",&first);

for (i=0; i<6; i++) {

printf("请输入第%d人的密码:",i);

scanf("%d",&p[i]);

if (p[i]<=0) {

printf("请输入正确密码！");

}

}

i=1;

while (i<=n) {

v->Password=p[i];

}

return 0;

}