#include <stdio.h>

#include <stdlib.h>

struct Student

{

char name[20];

int num;

float score;

};

int stunum;

int main()

{

void input(struct Student \*stu);

void listStuInfo(struct Student \*stu);

void printer(struct Student \*stu);

printf("enter the number of students bitte\n");

scanf("%d",&stunum);

struct Student \*Stu;struct Student \*Stupointer;

Stu=(struct Student \*)malloc(stunum\*sizeof(struct Student));

//if(Stu==NULL)

//printf("failed");

input(Stu);

listStuInfo(Stu);

printer(Stu);

free(Stu);

return 0;

}

void input(struct Student \*stu)

{

int i;

printf("enter name,num,score bitte\n");

for(i=0;i<stunum;i++)

{

//printf("%d",i);

scanf("%s%d%f",&(stu+i)->name,&(stu+i)->num,&(stu+i)->score);

}

}

void listStuInfo(struct Student \*stu)

{

struct Student temp;

int i;int j=0;int max=0;

for(i=0;i<stunum;i++)

{

max=j;

for(j=i;j<stunum;j++)

{

if((stu+j)->score>(stu+max)->score)

max=j;

}

temp=\*(stu+i);\*(stu+i)=\*(stu+max);\*(stu+max)=temp;

}

}

void printer(struct Student \*stu)

{

int i;

for(i=0;i<stunum;i++)

{

//printf("%d",i);

printf("%s\t%d\t%f\n",(stu+i)->name,(stu+i)->num,(stu+i)->score);

}

}

