#include<stdio.h>

struct student

{

char name[50];

int age;

int rollno;

float gpa;

}s[10];

int main()

{

int c;

int i;

create(&s);

printf("\n enter 1 if you want to modify \n 2 if you want to delete anything");

if(c==1)

modify(&s);

else

{

del(&s);

}

printf("\n the student details are");

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

{

printf("%s %d %d %f",s[i].name,s[i].rollno,s[i].age,s[i].gpa);

}

}

void create(struct student \*ptr)

{

int n,i;

printf("\n enter the no of student you want to enter");

scanf("%d",&n);

printf("\n enter the details of the student");

printf("\n name \t age\t rollno\t gpa");

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

{

scanf("%s %d %d %f",&ptr->name,&ptr->age,&ptr->rollno,&ptr->gpa);

ptr++;

ctr++;

}

}

void modify(struct student \*ptr)

{

int q,c,i,ctr;

char X[20];

printf("\n enter the name which you want to change");

scanf("%s",&X);

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

{

if(X==ptr->name)

{

q=i;

ptr++;

}

printf("\n enter 1 if you want to change the name\n 2 if you want to change the roll no\n 3 if you want to change the age \n 4 for gpa");

scanf("%d",&c);

if(c==1)

{

printf("\n enter the name ");

scanf("%s",&s[q].name);

}

else if(c==3)

{

printf("\n enter the age");

scanf("%d",&s[q].age);

}

else if(c==4)

{

printf("\n enter the gpa");

scanf("%f",&s[q].gpa);

}

else

{

printf("\n enter the rollno that you want");

scanf("%d",&s[q].rollno);

}

}

}

void delete(struct student \*ptr)

{

int i,x;

printf("\n enter the element that you want to search");

scanf("%d",&x);

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

{

if(i==x)

{

for(i=x;i<count;i++)

{

\*ptr[i]=\*ptr[i+1];

}

count--;

}

}

}