**PROGRAM TO MODIFY DATA IN A GIVEN FILE**

#include<stdio.h>

#include<string.h>

#include<stdlib.h>

#include<fstream.h>

#include<iostream.h>

class stu

{ int rollno;

char name[25];

char Class[4];

float marks;

char grade;

public:

voidgetdata()

{ cout<<"rollno:";

cin>>rollno;

cout<<"name";

cin>>name;

cout<<"Class:";

cin>>Class;

cout<<"marks:";

cin>>marks;

if(marks>=75)

grade='A';

else if(marks>=60)

grade='B';

else if (marks>=50)

grade='C';

else if (marks>=40)

grade='D';

else grade='F';

}

void putdata()

{

cout<<"rollno"<<rollno<<"\t name:"<<name

<<"\n marks:"<<marks<<"\t grade:"<<grade<<endl;

}

int getrno()

{ return rollno; }

void modify();

}s1,stud;

void stu::modify()

{ cout<<"rollno:"<<rollno<<endl;

cout<<"name:"<<name<<"\t Class:"<<Class

<<"\t marks:"<<marks<<endl;

cout<<"enter new details"<<endl;

char nm[20]=" ",Cl[4]=" ";

float mks;

cout<<"new name:(enter '.' to retain old one)";

cin>>nm;

cout<<"new Class:(press'.' to retain old one)";

cin>>Cl;

cout<<"new marks:(press -1 to retain old one)";

cin>>mks;

if(strcmp(nm,".")!=0)

strcpy(name,nm);

if(strcmp(Cl,".")!=0)

strcpy(Class,Cl);

if(mks!=-1)

{marks=mks;

if(marks>=75)

grade='A';

else if(marks>=60)

grade='B';

else if(marks>=50)

grade='C';

else if(marks>=40)

grade='D';

else

grade='F';

}

}

void main()

{fstream fio("stu.dat",ios::in|ios::out|ios::binary;

int rno;

long pos;

char found='f';

cout<<"Enter rollno of student whose record is to modified\n;

cin>>rno;

while(!fio.eof())

{pos=fio.tellg();

fio.read((char\*)&s1,sizeof(s1);

found='t';

break;

}

}

if(found=='f')

cout<<"Record not found!!\n";

fio.seekg(0);

cout<<"Now the file contains \n";

while(!fio.eof())

{fio.read((char\*)&stud,sizeof(stud));

stud.putdata();

}

fio.close();

}

**\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*OUTPUT\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

