**SINGLE INHERITANCE**

#include<iostream.h>

#include<conio.h>

#include<stdio.h>

class student

{

int rno;

char name[20],course[10];

public:

void getinput()

{

cout<<"enter the roll no.\n";

cin>>rno;

cout<<"enter the name\n";

gets(name);

cout<<"enter the course\n";

gets(course);

}

void getoutput()

{

cout<<"roll no is\n"<<rno<<"the name is\n";

puts(name);

cout<<"the course is/n";

puts(course);

}

};

class marks :: public student

{

int bio,eng,math;

public:

void getinfo()

{

cout<<"enter the bio marks\n";

cin>>bio;

cout<<"enter the eng marks\n";

cin>>eng;

cout<<"enter the math\n";

cin>>math;

)

void outinfo()

{

cout<<"the average is\n";

int p;

p=(bio+eng+math)/3;

if(p>90)

cout<<"a";

else

if(p<=90&&p>80)

cout<<"a";

else

if(p<=80&&p>70)

cout<<"b";

else

cout<<"failed";

}

}m;

void main()

{

clrscr();

m.getinput();

m.getinfo();

m.getoutput;

m.outinfo();

getch();

}