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[■] EX.CPP 1=[↑↓]

```
/*  
    NAME : SHARMA AARTI N.  
    DIV  : A  
    ASS  : HYBRID INHERITANCE  
*/  
#include<iostream.h>  
#include<conio.h>  
class stud  
{  
    public:  
    int roll_no;  
    char nm[20];  
    stud()  
    {  
        cout<<"enter student roll number";  
        cin>>roll_no;  
        cout<<"enter student name";  
        cin>>nm;  
    }  
};  
class exam:public stud{
```

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EX.CPP

1=[↑]

```
class exam:public stud{
public:
    int marks[3],tot;
    exam()
    {
        tot=0;
        cout<<"enter the marks of three subjects\n";
        for(int i=0;i<3;i++)
        {
            cin>>marks[i];
            tot+=marks[i];
        }

        for(int j=0;j<3;j++)
        {
            cout<<"marks "<<j+1<<" "<<marks[j]<<endl;
        }
    }
};
class project{
public:
```

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[■] EX.CPP 1=[↑↓]

```
class project{
    public:
    int p_marks;
    project()
    {
        cout<<"enter project marks";
        cin>>p_marks;
    }
};
class result:public exam,public project{
    public:
    int total;
    float per;
    result()
    {
        total=tot+p_marks;
        per=(total*100)/200;
    }

    void dis()
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```

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EX.CPP 1=[↑↓]

```
    }  
  
    void dis()  
    {  
  
        cout<<"\n-----details-----\n\n";  
        cout<<"student roll number is\t"<<roll_no<<endl;  
        cout<<"students name is\t"<<nm<<endl;  
        cout<<"total marks is\t\t"<<total<<endl;  
        cout<<"students\t\t"<<per<<" %";  
    }  
};  
void main()  
{  
    clrscr();  
    result r;  
    r.dis();  
    getch();  
}
```

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```
enter student roll number1
enter student nameaarti
enter the marks of three subjects
48
45
46
marks 1 48
marks 2 45
marks 3 46
enter project marks49
```

-----details-----

```
student roll number is 1
students name is      aarti
total marks is       188
students              94 %
```