```
/*
        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{
```

```
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:
```

```
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()
```

```
          }

      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();

}
```

```
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 %
```