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package july;
import java.util.*;

class students{
    int rollno;
    String name;

    students(int rollno,String name){
        this.rollno=rollno;
        this.name=name;
    }
    void show() {
        System.out.println("Roll No "+rollno+"\nName "+name);
    }
}

class x_student extends students{
    String cname;
    double salary;

    x_student(int rollno,String name,String cname,double salary){
        super(rollno,name);
        this.cname=cname;
        this.salary=salary;
    }

    void display() {
        System.out.println("Company name "+cname+"\nSalary "+salary);
    }
}

/*class employee{
    int id,dob;
    String name;
    employee(int id, String name, int dob){
        this.id=id;
        this.name=name;
        this.dob=dob;
    }
    void show() {
        System.out.println("ID "+id+"\nName "+name+"\nDate of Birth
"+dob);
    }
}

class manager extends employee{
    String dn;
    int jd;
    manager(int id,String name,int dob,String dn,int jd){
        super(id,name,dob);
        this.dn=dn;
        this.jd=jd;
    }
    void display() {
        System.out.println("Department "+dn+"\nDate of joining "+jd);
    }
}*/

class Employees{
    int id;
    String name;

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        double salary;
        Employees(int id, String name, double salary){
            this.id=id;
            this.name=name;
            this.salary=salary;
        }
        double getsalary() {
            return salary;
        }
    }

    class manager extends Employees{
        manager(int id, String name, double salary){
            super(id,name,salary);
        }
        double hra=getsalary()*0.5;
        double ta=getsalary()*0.5;
        double ra=getsalary()*0.4;
        double da=getsalary()*0.2;
        void display() {
            System.out.println("ID "+id+"\nName "+name+"\nSalary
"+getsalary()+"\nHRA "+hra+"\nTA "+ta+"\nRA "+ra+"\nDA "+da);
        }
    }

    public class July_23 {

        public static void main(String[] args) {
            Scanner sc=new Scanner(System.in);
            /*System.out.println("Enter Roll no, name, company name,
salary");
            int rollno=sc.nextInt();
            String name=sc.next();
            String cname=sc.next();
            double salary=sc.nextDouble();
            x_student x1=new x_student(rollno,name,cname,salary);
            x1.show();
            x1.display();
            System.out.println("Enter n");
            int n=sc.nextInt();
            manager []m=new manager[n];
            for(int i=0;i<n;i++) {
                System.out.println("Enter Id, Name, Date of Birth,
Department Name,Date of Joining");
                int id=sc.nextInt();
                String name=sc.next();
                int dob=sc.nextInt();
                String dn=sc.next();
                int dj=sc.nextInt();
                m[i]=new manager(id,name,dob,dn,dj);
            }
            for(int i=0;i<n;i++) {
                m[i].show();
                m[i].display();
            }
            /*
            System.out.println("Enter n");
            int n=sc.nextInt();
            manager []m=new manager[n];
            for(int i=0;i<n;i++) {
                System.out.println("Enter Id, Name, Salary");
                int id=sc.nextInt();

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        String name=sc.next();
        double salary=sc.nextDouble();
        m[i]=new manager(id,name,salary);
    }
    for(int i=0;i<n;i++) {
        m[i].display();
    }
}
}
```