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import java.util.*;
class Employee
{
    long Age,Phone_Number,Salary;
    String Name,Address;
    void printSalary()
    {
        System.out.println("Salary of " + Name + " is " + Salary);
    }
}
class Officer extends Employee
{
    String specialization;
}
class Manager extends Employee
{
    String Department;
}
class inheritance
{
    public static void main(String args[])
    {
        Scanner s = new Scanner(System.in);
        Officer ob1 = new Officer();

        System.out.println("Enter the Officer's Name");
        ob1.Name = s.nextLine();
        System.out.println("Enter the Officer's Age");
        ob1.Age = s.nextLong();
        System.out.println("Enter the Officer's Phone Number");
        ob1.Phone_Number = s.nextLong();
        System.out.println("Enter the Officer's Address");
        ob1.Address = s.nextLine();
        ob1.Address = s.nextLine();
        System.out.println("Enter the Officer's Salary");
        ob1.Salary = s.nextLong();
        System.out.println("Enter the Officer's specialization");
        ob1.specialization = s.nextLine();
        ob1.specialization = s.nextLine();
        System.out.println();

        System.out.println("Officer's name is " + ob1.Name + "\n" + ob1.Name + "'s Age is " +
        ob1.Age + "\n" + ob1.Name + "'s Phone number is " + ob1.Phone_Number + "\n" +
        ob1.Name + "'s Address is " + ob1.Address);
        ob1.printSalary();
        System.out.println(ob1.Name + "'s specialization is " + ob1.specialization);

        System.out.println();

        Manager ob2 = new Manager();
        System.out.println("Enter the Manager's Name");

        ob2.Name = s.nextLine();
        System.out.println("Enter the Manager's Age");
        ob2.Age = s.nextLong();
        System.out.println("Enter the Manager's Phone Number");
        ob2.Phone_Number = s.nextLong();
    }
}

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        System.out.println("Enter the Manager's Address");
        ob2.Address = s.nextLine();
        ob2.Address = s.nextLine();
        System.out.println("Enter the Manager's Salary");
        ob2.Salary = s.nextLong();
        System.out.println("Enter the Manager's Department");
        ob2.Department = s.nextLine();
        ob2.Department = s.nextLine();
        System.out.println();

        System.out.println("Manager's name is " + ob2.Name + "\n" + ob2.Name + "'s Age is "
        + ob2.Age + "\n" + ob2.Name + "'s Phone number is " + ob2.Phone_Number + "\n" +
        ob2.Name + "'s Address is " + ob2.Address);
        ob2.printSalary();
        System.out.println(ob2.Name + "'s specialization is " + ob2.Department);
    }
}

```

Output :-

Enter the Officer's Name

Hamdan

Enter the Officer's Age

25

Enter the Officer's Phone Number

9744932202

Enter the Officer's Address

Karingapara house

Enter the Officer's Salary

30000

Enter the Officer's specialization

Sales

Officer's name is Hamdan

Hamdan's Age is 25

Hamdan's Phone number is 9744932202

Hamdan's Address is Karingapara house

Salary of Hamdan is 30000

Hamdan's specialization is Sales

Enter the Manager's Name

Nihal

Enter the Manager's Age

30

Enter the Manager's Phone Number

9995869177

Enter the Manager's Address

Pathiyil house

Enter the Manager's Salary

45000

Enter the Manager's Department

IT

Manager's name is Nihal

Nihal's Age is 30

Nihal's Phone number is 9995869177

Nihal's Address is Pathiyil house

Salary of Nihal is 45000

Nihal's specialization is IT