

```
1  +class Employee {
2      +    long employeeid;
3      +    String employeeName;
4      +    String employeeAddress;
5      +    long employeePhone;
6      +    double basicSalary;
7      +    double specialAllowance = 250.80;
8      +    double hra = 1000.50;
9      +
10     +    public Employee(long id, String name, String address,
11         long phone, double salary) {
12         +        this.employeeid = id;
13         +        this.employeeName = name;
14         +        this.employeeAddress = address;
15         +        this.employeePhone = phone;
16         +        this.basicSalary = salary;
17     +    }
18     +    public void calculateSalary() {
19     +        double salary = basicSalary + (basicSalary *
20         specialAllowance / 100) + (basicSalary *
21         hra / 100);
22     +        System.out.println("Total Salary: " + salary);
23     +    }
24     +    public void calculateTransportAllowance() {
25     +        double transportAllowance = basicSalary * 10 / 100;
26     +        System.out.println("Travel Allowance :" +
27         transportAllowance);
28     +    }
29     +}
30     +
31 +class Manager extends Employee {
32 +    Manager(long id, String name, String address, long
33     phone, double salary) {
34     +        super(id, name, address, phone, salary);
35     +
36     +        System.out.println("----Manager Details----");
37     +        System.out.println("ID: " + id);
38     +        System.out.println("Name: " + name);
39     +        System.out.println("Address: " + address);
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38 +         System.out.println("Address: " + address);
39 +         System.out.println("Mobile No: " + phone);
40 +         System.out.println("Basic Salary: " + basicSalary);
41 +     }
42 +
43 +     public void calculateTransportAllowance() {
44 +         double transportAllowance = basicSalary * 15 / 100;
45 +         System.out.println("Travel Allowance : " +
46 +             transportAllowance);
47 +     }
48 + }
49 +
50 + class Trainee extends Employee {
51 +     Trainee(long id, String name, String address, long
52 +         phone, double salary) {
53 +
54 +         System.out.println();
55 +         System.out.println("----Employee Details----");
56 +         System.out.println("ID: " + id);
57 +         System.out.println("Name: " + name);
58 +         System.out.println("Address: " + address);
59 +         System.out.println("Mobile No: " + phone);
60 +         System.out.println("Basic Salary: " + basicSalary);
61 +     }
62 + }
63 +
64 + class InheritanceAcitivity {
65 +     public static void main(String[] args) {
66 +         Manager m = new Manager(126534, "john",
67 +             "Mumbai India", 98899, 74000);
68 +         m.calculateSalary();
69 +         m.calculateTransportAllowance();
70 +
71 +         Trainee t = new Trainee(364758, "Andrew",
72 +             "Bangalore India", 78992, 50000.00);
73 +         t.calculateSalary();
74 +         t.calculateTransportAllowance();
75 +     }
76 + }

```

```
java -cp /tmp/QDLwoGoBIF InheritanceActivity
----Manager Details----
ID: 126534Name: PeterAddress: Chennai IndiaMobile No:
234543Basic Salary: 65000.0
Total Salary: 878345.0
Travel Allowance :9750.0
----Employee Details----ID: 364758
Name: JackAddress: Bangalore India
Mobile No: 567543
Basic Salary: 34000.0
Total Salary: 459442.0
Travel Allowance :3400.0
```