```java
class Employee//super class
{
  //instance variables
  long employeeid;
  String employeeName;
  String employeeAddress;
  long employeePhone;
  double basicSalary;
  double specialAllowance=250.80;
  double hra=1000.50;

  //constructor
  public Employee(long id, String name,
String address, long phone, double salary)
  {
    this.employeeid=id;
    this.employeeName=name;
    this.employeeAddress=address;
    this.employeePhone=phone;
    this.basicSalary=salary;
  }

  //user-defined methods
  public void calculateSalary()
  {
    double salary = basicSalary +
( basicSalary * specialAllowance/100) +
( basicSalary *
      hra/100);
    System.out.println("Total Salary:
"+salary);
  }

  public void
calculateTransportAllowance()
  {
    double transportAllowance =
basicSalary*10/100;
    System.out.println("Travel
Allowance :"+transportAllowance);
  }

}
class Manager extends Employee //sub
class
{
  //constructor overload
  Manager(long id, String name, String
address, long phone, double salary)
  {
    super(id,name,address,phone,salary);

    System.out.println("—Manager
Details—");
    System.out.println("ID: "+id);
    System.out.println("Name: "+name);
    System.out.println("Address:
"+address);
    System.out.println("Mobile No:
"+phone);
    System.out.println("Basic Salary:
"+basicSalary);
  }
  public void
calculateTransportAllowance()
  {
    double transportAllowance =
basicSalary*15/100;
    System.out.println("Travel
Allowance :"+transportAllowance);
  }

}

class Trainee extends Employee //sub
class
{
  Trainee(long id, String name, String
address, long phone, double salary)
  {
    super(id,name,address,phone,salary);

    System.out.println();
    System.out.println("—Employee
Details—");
    System.out.println("ID: "+id);
    System.out.println("Name: "+name);
    System.out.println("Name: "+name);
    System.out.println("Address:
"+address);
    System.out.println("Mobile No:
"+phone);
    System.out.println("Basic Salary:
"+basicSalary);
  }
}
class InheritanceAcitivity //main class
{
  //main method
  public static void main(String[] args)
  {
    //object creation
    Manager m=new
Manager(126534,"Peter","Chennai
India",234543,65000.00);
    m.calculateSalary();
    m.calculateTransportAllowance();
        Trainee t=new
Trainee(364758,"Jack","Bangalore
India",567543,34000.00);
    t.calculateSalary();
    t.calculateTransportAllowance();
  }
}
```

```
 java -cp /tmp/0mJZncehtk
InheritanceAcitivity
```

—Manager Details—

ID: 126534

Name: Peter

Address: Chennai India

Mobile No: 234543

Basic Salary: 65000.0

Total Salary: 878345.0Travel Allowance
:9750.0

—Employee Details—

ID: 364758

Name: JackName: Jack

Address: Bangalore India

Mobile No: 567543

Basic Salary: 34000.0Total Salary:
459442.0