**Java Assignment 6 : Part - 2**

Inheritance: Demo of How it works if classes are in different files

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**CODE**

**Employee.java** File:

public abstract class Employee {

private String name, address;

protected int basicSalary;

public String getName(){

return name;

}

public String getAddress(){

return address;

}

public int getBasicSalary(){

return basicSalary;

}

public void setAddress(String add){

address = add;

}

public void setName(String nm){

name = nm;

}

public void setBasicSalary(int sal){

basicSalary = sal;

}

public abstract int getMonthlySalary();

}

**NormalEmployee.java** File:

class NormalEmployee extends Employee{

public int getMonthlySalary(){

return (basicSalary/12) ;

}

}

**BonusEmployee.java** File:

class BonusEmployee extends Employee{

int monthlyBonus;

public int getMonthlyBonus(){

return monthlyBonus;

}

public void setMonthlyBonus(int sal){

monthlyBonus = sal;

}

public int getMonthlySalary()

{

int salary=(basicSalary/12)+monthlyBonus;

return salary;

}

}

**Driver.java** File :

class Driver{

public static void main(String[] args) {

NormalEmployee nemp1 =new NormalEmployee();

nemp1.setName("Mukesh Rane");

nemp1.setAddress("Lavale , Pune");

nemp1.setBasicSalary(2400000);

System.out.println( "Monthly Salary of " + nemp1.getName() + " is :"+ nemp1.getMonthlySalary());

BonusEmployee bemp1=new BonusEmployee();

bemp1.setName("Rajiv Sharma");

bemp1.setAddress("Vashi , Navi Mumbai");

bemp1.setBasicSalary(1200000);

bemp1.setMonthlyBonus(25000);

System.out.println("Monthly Salary of " + bemp1.getName() +" is : "+ bemp1.getMonthlySalary());

}

}

OUTPUT:

