**Create a class named 'Member' having the following members:**

**Data members**

**• Name**

**• Age**

**• Phone number**

**• Address**

**• Salary**

**It also has a method named 'printSalary' which prints the salary of the members.**

**Two classes 'Employee' and 'Manager' inherits the 'Member' class. The 'Employee' classes have 'specialization' as data members and 'Manager' has 'department' as data members. Now, assign name, age, phone number, address and salary to an employee and a manager by making an object of both classes and print the same.**

**Using getter and setter.**

**//first class**

**package** sah;

**public** **class** Member {

**protected** String name;

**protected** **int** age;

**protected** **long** Phone\_Number;

**protected** String address;

**protected** **float** salary;

**protected** String Specilization;

Member(){

name=" ";

age=0;

Phone\_Number=0;

address=" ";

salary=0;

Specilization=" ";

}

**public** String getName()

{

**return** name;

}

**public** String getage()

{

**return** age +" years";

}

**public** **long** getNum()

{

**return** Phone\_Number;

}

**public** **float** getSal()

{

**return** salary;

}

**public** String getSpec()

{

**return** Specilization;

}

**public** String toString()

{

String str=String.*format*("Name is %s%n age is %s%n Number is %d%n Salary is %f%n Specilization is %s%n",getName(),getage(),getNum(),getSal(),getSpec());

**return** str;

}

}

**//class module**

**package** sah;

**public** **class** Class **extends** Member {

**protected** String department;

**public** **void** setD(String dep)

{

department=dep;

}

**public** String getDep()

{

**return** department;

}

**public** String toString()

{

String s=String.*format*("department=%s%n", getDep());

**return** s;

}

}

**//main module**

**package** sah;

**public** **class** EmployeeDemo {

**public** **static** **void** main(String[] args) {

Member m=**new** Member();

Class c=**new** Class();

m.name="Ram";

m.age=20;

m.Phone\_Number=98267490;

m.salary=10000;

m.address="vijayawada";

m.Specilization="CS&IT";

c.department="CSE";

System.***out***.println(m);

System.***out***.println(c);

}

}

**Output**

**Graphical user interface, text, application

Description automatically generated**