Experiment-7

Code:

import java.util.Scanner; class Employee

{

String Emp\_name; int Emp\_id;

String Address; String Mail\_id; int Mobile\_no; void display()

{

System.out.println("Employee name: "+Emp\_name); System.out.println("Address: "+Address); System.out.println("Employee id: "+Emp\_id); System.out.println("Email-id: "+Mail\_id); System.out.println("Mobile number: "+Mobile\_no);

}

}

class Programmer extends Employee

{

double bp; void display(){

double da=0.97\*bp; double hra=0.10\*bp; double pf=0.12\*bp; double scf=0.001\*bp;

double gross=bp+da+hra+pf+scf;

double net=gross-pf-scf; System.out.println("Basic: "+bp); System.out.println("DA: "+da); System.out.println("HRA: "+hra); System.out.println("PF: "+pf); System.out.println("SATFF CLUD FUND: "+scf); System.out.println("Gross Salary: "+gross); System.out.println("Net Salary: "+net);

}

}

class AssistantProfessor extends Employee

{

double bp; void display(){

double da=0.97\*bp; double hra=0.10\*bp; double pf=0.12\*bp; double scf=0.001\*bp;

double gross=bp+da+hra+pf+scf; double net=gross-pf-scf; System.out.println("Basic: "+bp); System.out.println("DA: "+0.97\*bp); System.out.println("HRA: "+0.10\*bp); System.out.println("PF: "+0.12\*bp);

System.out.println("SATFF CLUD FUND: "+0.001\*bp); System.out.println("Gross Salary: "+gross); System.out.println("Net Salary: "+net);

}

}

class AssociateProfessor extends Employee{ double bp;

void display(){

double da=0.97\*bp; double hra=0.10\*bp;

double pf=0.12\*bp; double scf=0.001\*bp;

double gross=bp+da+hra+pf+scf; double net=gross-pf-scf; System.out.println("Basic: "+bp); System.out.println("DA: "+0.97\*bp); System.out.println("HRA: "+0.10\*bp); System.out.println("PF: "+0.12\*bp);

System.out.println("SATFF CLUD FUND: "+0.001\*bp); System.out.println("Gross Salary: "+gross); System.out.println("Net Salary: "+net);

}

}

class Professor extends Employee

{

double bp; void display(){

double da=0.97\*bp; double hra=0.10\*bp; double pf=0.12\*bp; double scf=0.001\*bp;

double gross=bp+da+hra+pf+scf; double net=gross-pf-scf; System.out.println("Basic: "+bp); System.out.println("DA: "+0.97\*bp); System.out.println("HRA: "+0.10\*bp); System.out.println("PF: "+0.12\*bp);

System.out.println("SATFF CLUB FUND: "+0.001\*bp); System.out.println("Gross Salary: "+gross); System.out.println("Net Salary: "+net);

}

}

class Payslip

{

public static void main(String args[]){ System.out.println("\n1.Programmer\n2.AssistantProfessor\n3.AssociateProfessor\ n4.Professor");

Scanner input=new Scanner(System.in);

System.out.print("Enter an integer(1-4): "); int ch=input.nextInt(); System.out.println();

System.out.println("-----------Payslip ");

System.out.println(); switch (ch) {

case 1:

Employee e1=new Employee(); Programmer p1=new Programmer(); e1.Emp\_name="Ramu"; e1.Address="y-city"; e1.Mail\_id="[ramu@gmail.com](mailto:ramu@gmail.com)"; e1.Emp\_id=567; e1.Mobile\_no=2345678; p1.bp=15000;

e1.display();

p1.display(); break;

case 2:

Employee e2=new Employee(); AssistantProfessor p2=new AssistantProfessor(); e2.Emp\_name="Raju";

e2.Address="A-city"; e2.Mail\_id="[raju@gmail.com](mailto:raju@gmail.com)"; e2.Emp\_id=123; e2.Mobile\_no=987321; p2.bp=20000;

e2.display();

p2.display();

break; case 3:

Employee e3=new Employee(); AssociateProfessor p3=new AssociateProfessor(); e3.Emp\_name="Giri";

e3.Address="B-city"; e3.Mail\_id=["g](mailto:giri@gmail.com)i[ri@gmail.com](mailto:giri@gmail.com)"; e3.Emp\_id=456; e3.Mobile\_no=98710; p3.bp=30000;

e3.display();

p3.display();

break; case 4:

Employee e4=new Employee(); Professor p4=new Professor(); e4.Emp\_name="mohan"; e4.Address="Y-Junction"; e4.Mail\_id="[mohan@gmail.com](mailto:mohan@gmail.com)"; e4.Emp\_id=789; e4.Mobile\_no=9810; p4.bp=40000;

e4.display();

p4.display(); break;

default:

System.out.println("enter correct choice");

}

}

}