24UCS144

PROGRAM:

import java.util.Scanner;

class Employee{

String empname, empid,address,mailid,mobileno;

double bp;

Scanner sc= new Scanner(System.in);

void readDetails(){

System.out.println("Enter emp name:");

empname=sc.nextLine();

System.out.println("Enter emp id:");

empid=sc.nextLine();

System.out.println("Enter address:");

address=sc.nextLine();

System.out.println("Enter mail id:");

mailid=sc.nextLine();

System.out.println("Enter mobile no:");

mobileno=sc.nextLine();

System.out.println("Enter bp:");

bp=sc.nextDouble();

}

void displayDetails(){

System.out.println("----------pay slip---------");

System.out.println("emp name:"+empname);

System.out.println("emp id:"+empid);

System.out.println("Address:"+address);

System.out.println("mail id:"+mailid);

System.out.println("mobile no:"+mobileno);

System.out.println("basicpay:"+bp);

}

}

class Programmer extends Employee{

void generatepayslip(){

double da= bp\* 97/100;

double hra= bp\* 10/100;

double pf= bp\* 12/100;

double staffclub= bp\* 1/100;

double gross= bp+da+hra;

double net= gross-(pf+staffclub);

System.out.println("designation-programmer");

System.out.println("da:"+da);

System.out.println("hra:"+hra);

System.out.println("pf:"+pf);

System.out.println("staffclub:"+staffclub);

System.out.println("gross:"+gross);

System.out.println("net:"+net);

}

}

class Assitantprofessor extends Employee{

void generatepayslip(){

double da= bp\* 110/100;

double hra= bp\* 20/100;

double pf= bp\* 12/100;

double staffclub= bp\* 5/100;

double gross= bp+da+hra;

double net= gross-(pf+staffclub);

System.out.println("designation-Assitantprofessor");

System.out.println("da:"+da);

System.out.println("hra:"+hra);

System.out.println("pf:"+pf);

System.out.println("staffclub:"+staffclub);

System.out.println("gross:"+gross);

System.out.println("net:"+net);

}

}

class Associateprofessor extends Employee{

void generatepayslip(){

double da= bp\* 130/100;

double hra= bp\* 30/100;

double pf= bp\* 12/100;

double staffclub= bp\* 10/100;

double gross= bp+da+hra;

double net= gross-(pf+staffclub);

System.out.println("designation-Associateprofessor");

System.out.println("da:"+da);

System.out.println("hra:"+hra);

System.out.println("pf:"+pf);

System.out.println("staffclub:"+staffclub);

System.out.println("gross:"+gross);

System.out.println("net:"+net);

}

}

class Professor extends Employee{

void generatepayslip(){

double da= bp\* 140/100;

double hra= bp\* 40/100;

double pf= bp\* 12/100;

double staffclub= bp\* 15/100;

double gross= bp+da+hra;

double net= gross-(pf+staffclub);

System.out.println("designation-Professor");

System.out.println("da:"+da);

System.out.println("hra:"+hra);

System.out.println("pf:"+pf);

System.out.println("staffclub:"+staffclub);

System.out.println("gross:"+gross);

System.out.println("net:"+net);

}

}

class Employeepayslip{

public static void main(String[] arg){

Scanner sc=new Scanner(System.in);

System.out.println("Enter Employee pay slip\n1.Programmer\n2.Assitantprofessor\n3.Associateprofessor\n4.Professor");

int choice=sc.nextInt();

sc.nextLine();

switch(choice){

case 1:

Programmer p= new Programmer();

p.readDetails();

p.generatepayslip();

break;

case 2:

Assitantprofessor ap= new Assitantprofessor();

ap.readDetails();

ap.generatepayslip();

break;

case 3:

Associateprofessor asp= new Associateprofessor();

asp.readDetails();

asp.generatepayslip();

break;

case 4:

Professor pr= new Professor();

pr.readDetails();

pr.generatepayslip();

break;

default:

System.out.println("invalid choice");

}

sc.close();

}

}

OUTPUT:

Enter Employee pay slip

1.Programmer

2.Assitantprofessor

3.Associateprofessor

4.Professor

4

Enter emp name:

Shri Dharshini S

Enter emp id:

24UCS!$$@empid

Enter address:

5/110A,madurai

Enter mail id:

shri@gmail.com

Enter mobile no:

9994309777

Enter bp:

60000

emp name:Shri Dharshini S

emp id:24UCS!$$@empid

Address:5/110A,madurai

mail id:shri@gmail.com

mobile no:9994309777

basicpay:60000.0

designation-Professor

da:84000.0

hra:24000.0

pf:7200.0

staffclub:9000.0

gross:168000.0

net:151800.0