import java.util.\*;

class Employee

{

protected String name,id,desig;

protected float salary,bonus,netpay;

protected int hra,da;

Scanner s=new Scanner(System.in);

public Employee()

{

System.out.println("\nEnter the name : ");

name=s.next();

System.out.println("\nEnter the id : ");

id=s.next();

System.out.println("\nEnter the hra : ");

hra=s.nextInt();

System.out.println("\nEnter the da : ");

da=s.nextInt();

System.out.println("\nEnter the Salary : ");

salary=s.nextInt();

bonus=0;

netpay=0;

}

public void calculate()

{

bonus=((hra\*salary)+(da\*salary))/100;

netpay=salary+bonus;

}

public void display()

{

System.out.println("\nNAME \t\t: "+name);

System.out.println("\nID \t\t: "+id);

System.out.println("\nDISGNATION \t: "+desig);

System.out.println("\nHRA \t\t: "+hra);

System.out.println("\nDA \t\t: "+da);

System.out.println("\nSALARY \t\t: "+salary);

System.out.println("\nBONUS \t\t: "+bonus);

System.out.println("\nNETPAY \t\t: "+netpay);

}

//s.close();

}

class manager extends Employee

{

String dept;

Scanner s1=new Scanner(System.in);

public manager()

{

super();

super.desig="manager";

System.out.println("\nEnter the department name : ");

dept=s1.next();

}

public void display()

{

super.display();

System.out.println("\nDEPARTMENT \t: "+dept);

}

//s1.close();

}

class seceratary extends Employee

{

String dept,quali;

Scanner s2=new Scanner(System.in);

public seceratary()

{

super();

super.desig="seceratary";

System.out.println("\nEnter the department name : ");

dept=s2.next();

System.out.println("\nEnter the Qualification : ");

quali=s2.next();

}

public void display()

{

super.display();

System.out.println("\nDEPARTMENT \t: "+dept);

System.out.println("\ntQUALIFICATION : "+quali);

}

//s2.close();

}

class programmer extends Employee

{

String quali,languages;

Scanner s3=new Scanner(System.in);

public programmer()

{

super();

super.desig="programmer";

System.out.println("\nEnter the Qualification : ");

quali=s3.next();

System.out.println("\nEnter the Languages known : ");

languages=s3.next();

}

public void display()

{

super.display();

System.out.println("\nQUALIFICATION \t: "+quali);

System.out.println("\nLANGUAGES \t: "+languages);

}

//s3.close();

}

class executiveofficer extends manager

{

String company;

Scanner s4=new Scanner(System.in);

public executiveofficer()

{

super();

super.desig="executiveofficer";

System.out.println("\nEnter the Company : ");

company=s4.next();

}

public void display()

{

System.out.println("\n Company \t\t: "+company);

super.display();

}

//s4.close();

}

public class hirarchy{

public static void main(String[] arg)

{

int choice ;

Scanner s5=new Scanner(System.in);

System.out.println("\nEnter details for \n 1.manager\n2.secratary\n3.programmer\n4.executive officer \nEnter your choice : " );

choice=s5.nextInt();

switch(choice)

{

case 1:

manager m=new manager();

System.out.println("\n Calculating salary,bonus ");

m.calculate();

m.display();

break;

case 2:

seceratary s=new seceratary();

System.out.println("\n Calculating salary,bonus ");

s.calculate();

s.display();

break;

case 3:

programmer p=new programmer();

System.out.println("\n Calculating salary,bonus ");

p.calculate();

p.display();

break;

case 4:

executiveofficer e=new executiveofficer();

System.out.println("\n Calculating salary,bonus ");

e.calculate();

e.display();

break;

}

//s5.close();

}

}

SAMPLE INPUT AND OUTPUT:

C:\java>java hirarchy

Enter details for

1.manager

2.secratary

3.programmer

4.executive officer

Enter your choice :

1

Enter the name :

vaishnavi

Enter the id :

123we

Enter the hra :

200

Enter the da :

20

Enter the Salary :

20000

Enter the department name :

cse

Calculating salary,bonus

NAME : vaishnavi

ID : 123we

DISGNATION : manager

HRA : 200

DA : 20

SALARY : 20000.0

BONUS : 44000.0

NETPAY : 64000.0

DEPARTMENT : cse

C:\java>