```java
import java.util.Scanner;

class Employee{

String empName,empId,address,mailId,mobileNo;

double basicPay;

Scanner sc=new Scanner(System.in);

void readDetails(){

System.out.print("Enter Employee Name:");

empName=sc.nextLine();

System.out.print("Enter employee ID:");

empId=sc.nextLine();

System.out.print("Enter Address:");

address=sc.nextLine();

System.out.print("Enter Mail ID:");

mailId=sc.nextLine();

System.out.print("Enter Mobile no:");

mobileNo=sc.nextLine();

System.out.print("Enter Basic Pay:");

basicPay=sc.nextDouble();

}

void displayDetails(){

System.out.println("\n---EmployeeDetails---");

System.out.println("Name:"+empName);

System.out.println("ID:"+empId);

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

System.out.println("MailId:"+mailId);
```

```java
System.out.println("Mobile No:"+mobileNo);

System.out.println("BasicPay:"+basicPay);

}

}

class Programmer extends Employee{

void generatePaySlip(){

double da=basicPay*97/100;

double hra=basicPay*10/100;

double pf=basicPay*12/100;

double staffClub=basicPay*1/100;

double gross=basicPay+da+hra;

double net=gross-(pf+staffClub);

displayDetails();

System.out.println("Designation:Programmer");

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

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

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

System.out.println("Staff Club:"+staffClub);

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

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

}

}

class Assistant extends Employee{

void generatePaySlip(){

double da=basicPay*110/100;
```

```java
double hra=basicPay*20/100;

double pf=basicPay*12/100;

double staffClub=basicPay*5/100;

double gross=basicPay+da+hra;

double net=gross-(pf+staffClub);

displayDetails();

System.out.println("Designation:Programmer");

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

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

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

System.out.println("Staff Club:"+staffClub);

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

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

}

}
class Associate extends Employee{

void generatePaySlip(){

double da=basicPay*130/100;

double hra=basicPay*30/100;

double pf=basicPay*12/100;

double staffClub=basicPay*10/100;

double gross=basicPay+da+hra;

double net=gross-(pf+staffClub);

displayDetails();

System.out.println("Designation:Programmer");
```

```java
System.out.println("DA:"+da);

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

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

System.out.println("Staff Club:"+staffClub);

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

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

}

}

class Professor extends Employee{

void generatePaySlip(){

double da=basicPay*140/100;

double hra=basicPay*40/100;

double pf=basicPay*12/100;

double staffClub=basicPay*15/100;

double gross=basicPay+da+hra;

double net=gross-(pf+staffClub);

displayDetails();

System.out.println("Designation:Programmer");

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

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

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

System.out.println("Staff Club:"+staffClub);

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

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

}
```

```java
}
public class Employeepayslip {

public static void main(String[]args){

Scanner sc=new Scanner(System.in);

System.out.println("Enter Employee Designation:\n1.Programmer \n2.Assistant professor \n3.Associate professor \n4.Professor");

int choice = sc.nextInt();

sc.nextLine();

switch(choice){

case 1:

Programmer p=new Programmer();

p.readDetails();

p.generatePaySlip();

break;

case 2:

Assistant asp=new Assistant();

asp.readDetails();

asp.generatePaySlip();

break;

case 3:

Associate as=new Associate();

as.readDetails();

as.generatePaySlip();

break;

case 4:

Professor sp=new Professor();
```

```java
sp.readDetails();

sp.generatePaySlip();

break;

default:

System.out.println("Invalid number");

}

sc.close();

}

}
```

Output

Enter Employee Designation:

1.Programmer

2.Assistant professor

3.Associate professor

4.Professor

1

Enter Employee Name:sri

Enter employee ID:12400

Enter Address:abc

Enter Mail ID:xyz@gmail.com

Enter Mobile no:1234567890

Enter Basic Pay:30000

---EmployeeDetails---

Name:sri

ID:12400

Address:abc

MailId:xyz@gmail.com

Mobile No:1234567890

BasicPay:30000.0

Designation:Programmer

DA:29100.0

HRA:3000.0

PF:3600.0

Staff Club:300.0

Gross Salary:62100.0

Net Salary:58200.0