import java.util.\*;

class Employee {

int empID;

String name;

double salary;

public double getSalary() {

return salary;

}

public String getName() {

return name;

}

public int getempID() {

return empID;

}

public void setSalary(double salary) {

this.salary = salary;

}

public void setName(String name) {

this.name = name;

}

public void setempID(int empID) {

this.empID = empID;

}

}

class PermanentEmployee extends Employee {

double basicPay, hra;

int experience;

public double getBasicPay() {

return basicPay;

}

public double getHra() {

return hra;

}

public int getExperience() {

return experience;

}

public void setBasicPay(double basicPay) {

this.basicPay = basicPay;

}

public void setExperience(int experience) {

this.experience = experience;

}

public void setHra(double hra) {

this.hra = hra;

}

public void calculateSalary() {

int varcomp;

if (this.experience < 3) {

varcomp = 0;

} else if (this.experience < 5) {

varcomp = 5;

} else if (this.experience < 10) {

varcomp = 7;

} else {

varcomp = 12;

}

super.setSalary(basicPay \* varcomp / 100 + basicPay + hra);

System.out.println("Permanent Employee: Your Salary is " + super.getSalary());

}

}

class ContractEmployee extends Employee {

int hours;

double wages;

public int getHours() {

return hours;

}

public void setHours(int hours) {

this.hours = hours;

}

public double getWages() {

return wages;

}

public void setWages(double wages) {

this.wages = wages;

}

public void calculateSalary() {

super.setSalary(this.hours \* this.wages);

System.out.println("Contract Employee: Your Salary is " + super.getSalary());

}

}

public class EmployeeRecords {

public static void main(String[] args) {

ContractEmployee CE = new ContractEmployee();

PermanentEmployee PE = new PermanentEmployee();

Scanner sc = new Scanner(System.in);

// PERMANENT EMPLOYEE

System.out.println("-----FOR PERMANENT EMPLOYEE-----");

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

PE.setName(sc.nextLine());

System.out.print("Employee Id : ");

PE.setempID(sc.nextInt());

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

PE.setBasicPay(sc.nextInt());

System.out.print("HRA : ");

PE.setHra(sc.nextDouble());

System.out.print("Experience : ");

PE.setExperience(sc.nextInt());

PE.calculateSalary();

System.out.println("-----FOR CONTRACT EMPLOYEE-----");

// CONTRACT EMPLOYEE

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

CE.setName(sc.next());

System.out.print("Employee ID: ");

CE.setempID(sc.nextInt());

System.out.print("Wages: ");

CE.setWages(sc.nextDouble());

System.out.print("Hours: ");

CE.setHours(sc.nextInt());

CE.calculateSalary();

}

}

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PS C:\Users\Abhin\OneDrive\Desktop\java folder> java EmployeeRecords

-----FOR PERMANENT EMPLOYEE-----

Name: anil

Employee Id : 101

Basic Pay : 20000

HRA : 1500

Experience : 3

Permanent Employee: Your Salary is 22500.0

-----FOR CONTRACT EMPLOYEE-----

Name: abkit

Employee ID: 102

Wages: 500

Hours: 20

Contract Employee: Your Salary is 10000.0