

```
Employee.java
3 public class Employee {
4     int employeeId;
5     String employeeName;
6     double salary;
7
8     public Employee(int employeeId, String employeeName) {
9         super();
10        this.employeeId = employeeId;
11        this.employeeName = employeeName;
12    }
13    public int getEmployeeId() {
14        return employeeId;
15    }
16    public void setEmployeeId(int employeeId) {
17        this.employeeId = employeeId;
18    }
19    public String getEmployeeName() {
20        return employeeName;
21    }
22    public void setEmployeeName(String employeeName) {
23        this.employeeName = employeeName;
24    }
25 }
```

```
ContractEmployee.java
14 public void setWage(double wage) {
15     this.wage = wage;
16 }
17 public float getHoursWorked() {
18     return hoursWorked;
19 }
20 public void setHoursWorked(float hoursWorked) {
21     this.hoursWorked = hoursWorked;
22 }
23 public void calculateSalary() {
24     setSalary(wage*hoursWorked);
25 }
26 @Override
27 public String toString() {
28     return "ContractEmployee [wage=" + wage + ", hoursWorked=" + hoursWorked + ", employeeName=" + employeeName + ", salary=" + salary + "]";
29 }
30 }
31
32 }
33 }
```

```
PermanentEmployee.java
17 }
18 public double getHra() {
19     return hra;
20 }
21 public void setHra(double hra) {
22     this.hra = hra;
23 }
24 public float getExperience() {
25     return experience;
26 }
27 public void setExperience(float experience) {
28     this.experience = experience;
29 }
30 public void calculateMonthlySalary() {
31     double vc=0;
32     if(experience>=10)vc=0.12*basicPay;
33     else if(experience>=5)vc=0.07*basicPay;
34     else if(experience>=3)vc=0.05*basicPay;
35     setSalary(vc+basicPay+hra);
36 }
```

```
TesterEmployee.java
1 package assignment2;
2
3 public class TesterEmployee {
4
5     public TesterEmployee() {
6         // TODO Auto-generated constructor stub
7     }
8
9     public static void main(String[] args) {
10        PermanentEmployee e1=new PermanentEmployee(1,"A",28000);
11        ContractEmployee e2=new ContractEmployee(2,"B",1500,8);
12        e1.calculateMonthlySalary();
13        e2.calculateSalary();
14        System.out.println(e1);
15        System.out.println(e2);
16    }
17 }
18 }
19 }
```

Console x

```
<terminated> TesterEmployee [Java Application] C:\Program Files\Java\jdk-17\bin\javaw.exe (28-Jan-2023, 1:44:10 am - 1:44:10 am) [pid: 5548]
PermanentEmployee [basicPay=28000.0, hra=14000.0, experience=3.0, employeeId=1, employeeName=A, salary=43400.0]
ContractEmployee [wage=1500.0, hoursWorked=8.0, employeeId=2, employeeName=B, salary=12000.0]
```