

```
1 package madhav;
2 interface Appraisable1{
3     default void increment(Employee4 e) {
4         e.setSalary(e.getSalary()+5000);
5     }
6     public abstract void checkAndUpdateSalary();
7 }
8 interface SpecialAppr extends Appraisable1{
9     default void spincrement(Employee4 e) {
10         e.setSalary(e.getSalary()+7000);
11     }
12 }
13 class Employee4 implements SpecialAppr{
14     private String name;
15     private double salary;
16     private int numLeaves;
17     public Employee4(String n,double s,int nu) {
18         name=n;
19         salary=s;
20         numLeaves=nu;
21     }
22     public void setSalary(double sa) {
23         salary=sa;
24     }
25     public double getSalary() {
26         return salary;
27     }
28     public String toString() {
29         return name+" "+salary+" "+numLeaves;
30     }
31     public void checkAndUpdateSalary(){
32         if(salary>=50000 && numLeaves<=6)
33             increment(this);
34         else if(salary<50000 && numLeaves <=6)
35             spincrement(this);
36         else if(salary<50000 && numLeaves>6)
37             increment(this);
38     }
39
40 }
41
42 public class IITM_7 {
43     public static void printUpdatedEmpList(Employee4[] eList)
44     {
```

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44     for(int i=0;i<eList.length;i++) {
45         eList[i].checkAndUpdateSalary();
46     }
47     for(int i=0;i<eList.length;i++) {
48         System.out.println(eList[i]);
49     }
50 }
51 public static void main(String args[]) {
52     Employee4 err[]=new Employee4[3];
53     err[0]=new Employee4("ABC",50000,6);
54     err[1]=new Employee4("xyz",70000,8);
55     err[2]=new Employee4("lmn",100000,4);
56     printUpdatedEmpList(err);
57 }
58 }
59
```