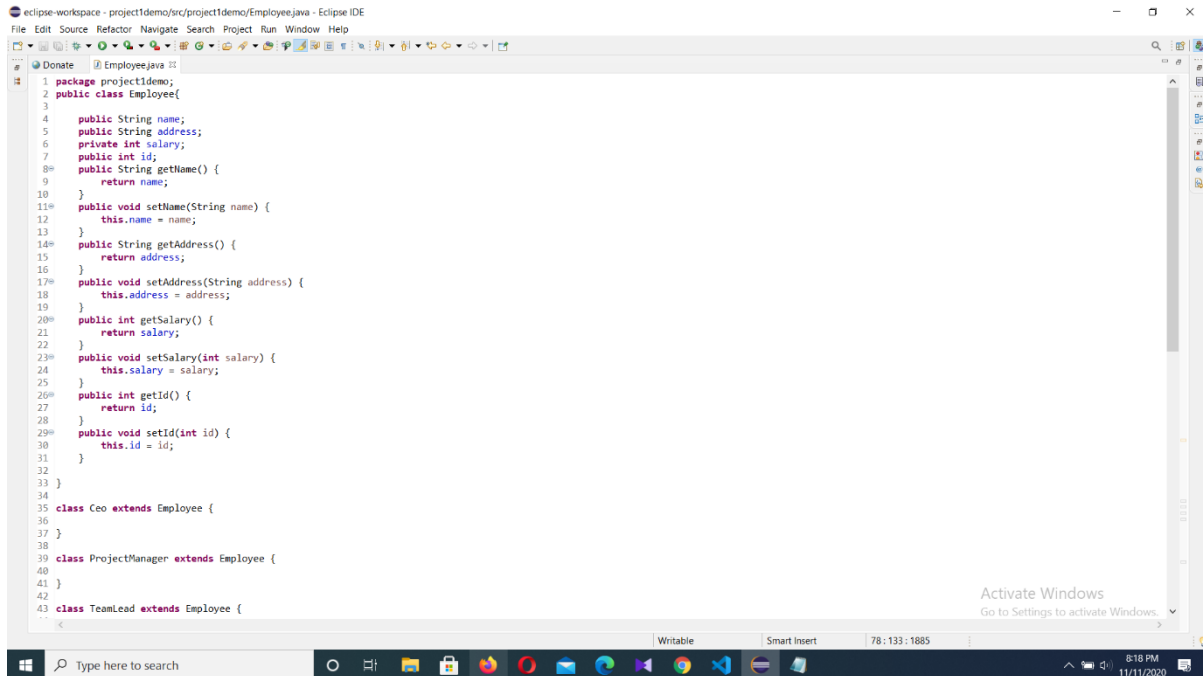
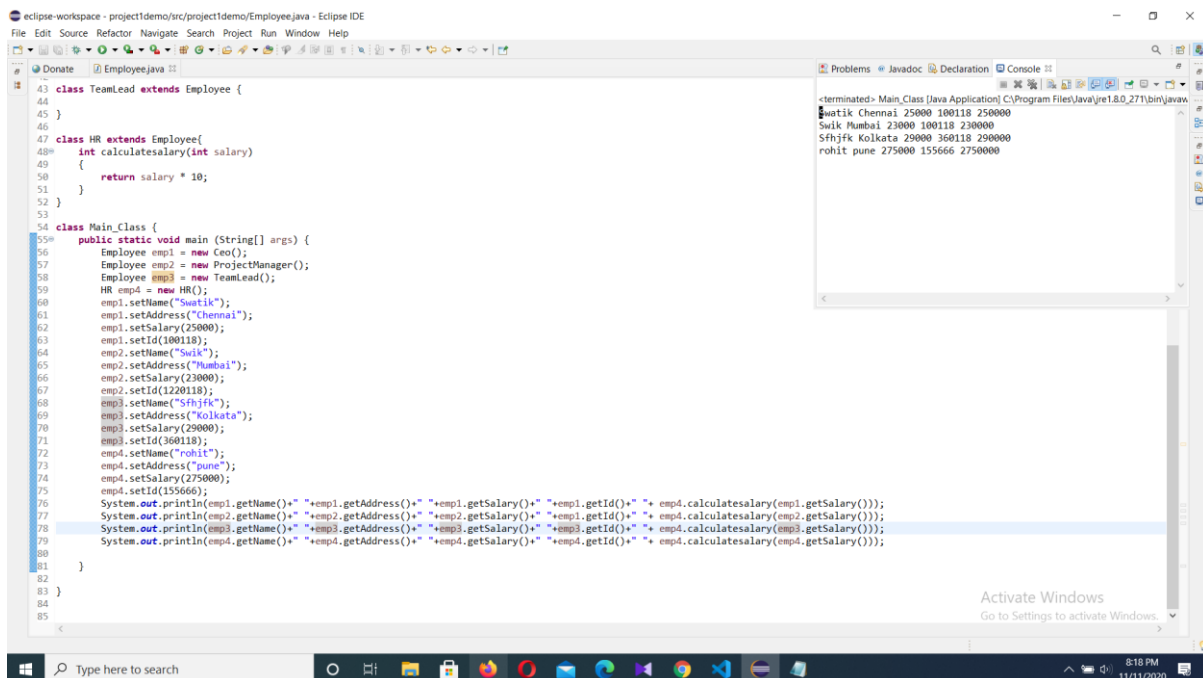


# Code and output:



The screenshot shows the Eclipse IDE with the file `Employee.java` open. The code defines an `Employee` class with attributes `name`, `address`, `salary`, and `id`. It includes getter and setter methods for each attribute. Three subclasses are defined: `Ceo`, `ProjectManager`, and `TeamLead`, all extending `Employee`.

```
1 package projectdemo;
2 public class Employee{
3
4     public String name;
5     public String address;
6     private int salary;
7     public int id;
8     public String getName() {
9         return name;
10    }
11    public void setName(String name) {
12        this.name = name;
13    }
14    public String getAddress() {
15        return address;
16    }
17    public void setAddress(String address) {
18        this.address = address;
19    }
20    public int getSalary() {
21        return salary;
22    }
23    public void setSalary(int salary) {
24        this.salary = salary;
25    }
26    public int getId() {
27        return id;
28    }
29    public void setId(int id) {
30        this.id = id;
31    }
32 }
33
34
35 class Ceo extends Employee {
36 }
37
38 class ProjectManager extends Employee {
39 }
40
41
42 class TeamLead extends Employee {
43 }
```



The screenshot shows the Eclipse IDE with the file `Main.java` open. The code creates four `Employee` objects: `emp1` (Ceo), `emp2` (ProjectManager), `emp3` (TeamLead), and `emp4` (HR). It sets their attributes and then prints their details along with the output of the `calculatesalary` method. The `calculatesalary` method in the `HR` class returns the salary multiplied by 10.

```
43 class TeamLead extends Employee {
44 }
45
46
47 class HR extends Employee{
48     int calculatesalary(int salary)
49     {
50         return salary * 10;
51     }
52 }
53
54 class Main_Class {
55     public static void main (String[] args) {
56         Employee emp1 = new Ceo();
57         Employee emp2 = new ProjectManager();
58         Employee emp3 = new TeamLead();
59         HR emp4 = new HR();
60         emp1.setName("Swatik");
61         emp1.setAddress("Chennai");
62         emp1.setSalary(25000);
63         emp1.setId(100118);
64         emp2.setName("Swik");
65         emp2.setAddress("Mumbai");
66         emp2.setSalary(23000);
67         emp2.setId(1220118);
68         emp3.setName("Sfhjfk");
69         emp3.setAddress("Kolkata");
70         emp3.setSalary(29000);
71         emp3.setId(360118);
72         emp4.setName("rohit");
73         emp4.setAddress("pune");
74         emp4.setSalary(275000);
75         emp4.setId(155666);
76         System.out.println(emp1.getName()+" "+emp1.getAddress()+" "+emp1.getSalary()+" "+emp1.getId()+" "+ emp4.calculatesalary(emp1.getSalary()));
77         System.out.println(emp2.getName()+" "+emp2.getAddress()+" "+emp2.getSalary()+" "+emp2.getId()+" "+ emp4.calculatesalary(emp2.getSalary()));
78         System.out.println(emp3.getName()+" "+emp3.getAddress()+" "+emp3.getSalary()+" "+emp3.getId()+" "+ emp4.calculatesalary(emp3.getSalary()));
79         System.out.println(emp4.getName()+" "+emp4.getAddress()+" "+emp4.getSalary()+" "+emp4.getId()+" "+ emp4.calculatesalary(emp4.getSalary()));
80     }
81 }
82
83 }
84
85 }
```

The output of the program is displayed in the console:

```
<terminated> Main_Class [Java Application] C:\Program Files\Java\jre1.8.0_271\bin\java.exe
Swatik Chennai 25000 100118 250000
Swik Mumbai 23000 100118 230000
Sfhjfk Kolkata 29000 360118 290000
rohit pune 275000 155666 2750000
```