```java
//Employee.java
public class Employee
{
      private int id;
      protected int area_code;
      int house_number;
      private double salary;
      Employee(){

            System.out.println("Calling the constructor of the base class");

      }
      public int getid()
      {
            System.out.println("getid() was called");
            return id;
      }
      public double getsalary()
      {
            System.out.println("getsalary() was called");
            return salary;
      }
      public void setid(int num)
      {
            System.out.println("setid() was called");
            id = num;
      }
      public void setsalary(double sal)
      {
            salary = sal;
      }
}
```

```java
//EmployeeWithPostalCode.java
public class EmployeeWithPostalCode extends Employee {


    private int postal_code;


    EmployeeWithPostalCode()
    {
        System.out.println("Calling the constructor of the dervied
class");
    }


    public int get_postal_code(){
        return postal_code;
    }
    public void set_postal_code(int pc) {
        postal_code = pc;
    }


    public void access_protected()
    {
        // id = 452; // It won't accept that
//      area_code = 704;
        System.out.println("Hello. I am here");
        System.out.println("The area code is: " + area_code);
    }
}
```

```java
//TestEmployee.java
public class TestEmployee {

    public static void main(String[] args) {
        Employee e1 = new Employee();
        Employee e2 = new Employee();
        EmployeeWithPostalCode ewpc1 = new EmployeeWithPostalCode();

        ewpc1.house_number = 543;
        ewpc1.area_code=652;

        ewpc1.setid(915);
        ewpc1.setsalary(210.00);
        ewpc1.set_postal_code(5);
        ewpc1.access_protected();

        // ewpc1.area_code; // cannot be done

        System.out.println(ewpc1.getid());
        System.out.println(ewpc1.getsalary());
        System.out.println(ewpc1.get_postal_code());


    }

}
```