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## ○ BJP4 Exercise 9.2: Janitor

 Show Header**Language/Type:**  Java [classes](#) [implementing inheritance](#) [instance methods](#)**Related Links:** [Employee.java](#)**Author:** Marty Stepp (on 2016/09/08)

Write a class Janitor to accompany the other law firm classes described in this chapter. Janitors work twice as many hours per week as other employees (80 hours/week), they make \$30,000 (\$10,000 less than general employees), they get half as much vacation as other employees (only 5 days), and they have an additional method clean that prints "Workin' for the man." Make sure to interact with the superclass as appropriate.

Type your solution here:

```
1 public class Janitor extends Employee {
2     public double getSalary() {
3         return super.getSalary() - 10000.0;
4     }
5     public int getHours() {
6         return super.getHours() * 2;
7     }
8     public int getVacationDays() {
9         return super.getVacationDays() / 2;
10    }
11    public void clean() {
12        System.out.println("Workin' for the man.");
13    }
14
15 }
```


This is an **inheritance** problem. Write a Java class using inheritance. (You do not need to write any import statements.)

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✔ You passed 7 of 7 tests.


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**test #1:** `getSalary 1`  
**console output:** `30000.0`  
**result:**  pass


**test #2:** `getSalary 2 (change base salary to $65535.00)`  
**console output:** `55535.0`  
**result:**  pass

**test #3:** `getHours 1`  
**console output:** `80`  
**result:**  pass

**test #4:** `getHours 2 (change base hours to 36)`  
**console output:** `72`  
**result:**  pass

**test #5:** `getVacationDays 1`  
**console output:** `5`  
**result:**  pass

**test #6:** `getVacationDays 2 (change base days to 18)`  
**console output:** `9`  
**result:**  pass

**test #7:** `clean`  
**console output:** `Workin' for the man.`  
**result:**  pass

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