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1 // Class HourlyWorker.java
2 // Copyright 2001 ASR Strategic Resources
3 // AITP NCC 2001 Java Competition Event
4 // Java Contest Solution
5 // Design: Don Baldwin & Craig Slinkman PhD
6 // Code: Eugene Wasserman & Don Baldwin
7
8 package hr;
9
10 public class HourlyWorker extends Employee {
11
12     private double wage;
13     private double hours;
14
15     public HourlyWorker() {
16         this (0, null, null, 0.0, 0.0);
17     }
18
19     public HourlyWorker(int id, String firstName, String lastName, double wage, double hours) {
20         super(id, firstName, lastName);
21         this.wage = wage;
22         this.hours = hours;
23     }
24
25     /**
26     * Calculate HourlyWorker's weekly earnings as wage * hours
27     */
28     public double earnings(){return wage * hours;}
29
30     public void setWage(double wage) {this.wage = wage;}
31     public double getWage() {return wage;}
32     public void setHours(double hours) {this.hours = hours;}
33     public double getHours() {return hours;}
34
35     public String toString() {return super.toString() +
36         ", wage=" + getWage()+ ", hours=" + getHours();}
37
38 } // END Class HourlyWorker.java
```