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BSCS 2A

OOP - Payroll Form

```
3 public class FreelancerPayrollForm { 2 usages ± unknown
4     // Attributes
5     private String freelancerName; 4 usages
6     private double hourlyRate; 5 usages
7     private double hoursWorked; 5 usages
8     private double grossIncome; 4 usages
9
10    // Constructor
11    public FreelancerPayrollForm (String freelancerName, double hourlyRate) { 1 usage ± unknown
12        this.freelancerName = freelancerName;
13        this.hourlyRate = hourlyRate;
14
15        this.hoursWorked = 0.0;
16        this.grossIncome = 0.0;
17    }
18
19    // Utility Methods
20    public double calculateProjectPayment(double hoursWorked) { 1 usage ± unknown
21        return this.hoursWorked * hourlyRate;
22    }
23    public void trackProjectPayment(double hoursWorked) { 2 usages ± unknown
24        double payment = calculateProjectPayment((hoursWorked));
25        this.grossIncome += payment;
26        this.hoursWorked += hoursWorked;
27        System.out.println("Payment for this project: ₱" + payment);
28        System.out.println("Updated Gross Income: ₱" + this.grossIncome);
29        System.out.println("Updated Hours Worked: " + this.hoursWorked);
30        System.out.println("-----");
31    }
32    public void displayFreelancerInfo() { 3 usages ± unknown
33        System.out.println("Freelancer Information:");
34        System.out.println("Name: " + this.freelancerName);
35        System.out.println("Hours Worked: " + this.hoursWorked);
36        System.out.println("Hourly Rate: ₱" + this.hourlyRate + "/hr");
37        System.out.println("Gross Income: ₱" + this.grossIncome);
38        System.out.println("-----");
39    }
40
41    // Accessor Methods
42    public String getFreelancerName() { no usages ± unknown
43        return freelancerName;
44    }
45    public double getHourlyRate() { 1 usage ± unknown
46        return hourlyRate;
47    }
48
49    // Mutator Methods
50    public void setFreelancerName(String freelancerName) { no usages ± unknown
51        this.freelancerName = freelancerName;
52    }
53    public void setHourlyRate(double hourlyRate) { no usages ± unknown
54        this.hourlyRate = hourlyRate;
55    }
56 }
57
```

```
"C:\Program Files\Java\jdk-22\bin\java.exe" "-javaagent:C:\Program
```

```
-----  
Freelancer Information:
```

```
Name: Mikey
```

```
Hours Worked: 0.0
```

```
Hourly Rate: ₱500.0/hr
```

```
Gross Income: ₱0.0
```

```
-----  
Hourly Rate:500.0/hr
```

```
-----  
Payment for this project: ₱0.0
```

```
Updated Gross Income: ₱0.0
```

```
Updated Hours Worked: 8.0
```

```
-----  
Freelancer Information:
```

```
Name: Mikey
```

```
Hours Worked: 8.0
```

```
Hourly Rate: ₱500.0/hr
```

```
Gross Income: ₱0.0
```

```
-----  
Payment for this project: ₱4000.0
```

```
Updated Gross Income: ₱4000.0
```

```
Updated Hours Worked: 11.0
```

```
-----  
Freelancer Information:
```

```
Name: Mikey
```

```
Hours Worked: 11.0
```

```
Hourly Rate: ₱500.0/hr
```

```
Gross Income: ₱4000.0
```

```
-----  
Process finished with exit code 0
```