Model::Project3_UML_Class_Diagram_Postcoding

Company

-companyName: String
-company: ArrayList <Employee>

+Company()
+Company(String)
+addEmployee(Employee)
+getEmployee(int): Employee
+getTotalNumberOfEmployees(): int
+getCompanyName()
+setCompanyName(String)
+getTotalPayroll(): double
+toString(): String

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1..*

Employee

-name: String
-IDNum: int
-nextIDNum: int = 1000

+Employee()
+Employee(String)
+getName(): String
+setName(String)
+getEmployeeID(): int
-setEmployeeID()
-getNextID(): int
-incrementNextID()
+computePay(): double
+toString(): String

SalariedEmployee

-weeklySalary: double
-rateFormatter: NumberFormat

+SalariedEmployee()
+SalariedEmployee(String, double)
+getWeeklySalary(): double
+setWeeklySalary(double)
+computePay(): double
+toString(): String

HourlyEmployee

-hourlyRate: double
-hrsWorked: double
-rateFormatter: NumberFormat

+HourlyEmployee()
+HourlyEmploye(String, double, double)
+getRate(): double
+setRate(double)
+getHoursWorked(): double
+setHoursWorked(double)
+computePay(): double
+toString(): String

CommissionedEmployee

-weeklySales: double
-commisionPercentage: double
-rateFormatter: NumberFormat

+CommissionedEmployee()
+CommissionedEmployee(String, double, double, double)
+getWeeklySales(): double
+setWeeklySales(double)
+getCommissionPercent(): double
+setCommissionPercent(double)
-getCommission(): double
+computePay(): double
+toString(): String