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package finals;

public class SalarySystem { private double salaryPerDay; private double basicPay; private double nonTaxableAllowance; private double taxableAllowance; private double overtimeHours; private double taxRate = 0.15;

public double getSalaryPerDay() { return salaryPerDay; } public void setSalaryPerDay(double salaryPerDay) { this.salaryPerDay = salaryPerDay; }
public void calculateMonthlySalary() { double totalBasicSalary = basicPay + nonTaxableAllowance; double totalTaxableAllowance = taxableAllowance; double totalSalary;

double withholdingTax = 0.0; double sssContribution = 0.1 * basicPay; double pagibigContribution = 200; double philhealthContribution = 0.05 * basicPay; double taxableAllowanceDeduction = 0.03 * totalTaxableAllowance; double overtime = 0.06 * (salaryPerDay * overtimeHours);

if (totalBasicSalary > 250000) { withholdingTax = taxRate * totalBasicSalary; } double totalDeductions = withholdingTax + sssContribution + pagibigContribution + philhealthContribution; double baseSalary = totalBasicSalary - totalDeductions; totalSalary = baseSalary + taxableAllowance + nonTaxableAllowance + overtime; displaySalaryReceipt(totalSalary); } public void displaySalaryReceipt(double totalSalary) { double withholdingTax = (taxRate * (basicPay + nonTaxableAllowance)) > 0 ? (taxRate * (basicPay + nonTaxableAllowance)) : 0; System.out.println("Salary Receipt:"); System.out.println("Basic Pay: " + basicPay); System.out.println("Withholding Tax: (" + withholdingTax + ")"); System.out.println("SSS: (" + (0.1 * basicPay) + ")"); System.out.println("PAG-IBIG: (-200)"); System.out.println("Philhealth: (" + (0.05 * basicPay) + ")"); System.out.println("Taxable: +" + (0.03 * taxableAllowance)); System.out.println("Non Taxable: +" + nonTaxableAllowance); System.out.println("Overtime: +" + (0.06 * (salaryPerDay * overtimeHours))); System.out.println("Total: " + totalSalary); } public void setBasicPay(double basicPay) { this.basicPay = basicPay; } public void setNonTaxableAllowance(double nonTaxableAllowance) { this.nonTaxableAllowance = nonTaxableAllowance; } public void setTaxableAllowance(double taxableAllowance) { this.taxableAllowance = taxableAllowance; } public void setOvertimeHours(double overtimeHours) { this.overtimeHours = overtimeHours; } }

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