import java.util.Scanner;

class CompanyEmployee {

String employeeId;

String name;

String jobTitle;

double basicSalary;

double hra;

double da;

double tax;

public CompanyEmployee(String employeeId, String name, String jobTitle, double basicSalary) {

this.employeeId = employeeId;

this.name = name;

this.jobTitle = jobTitle;

this.basicSalary = basicSalary;

this.hra = 0.2 \* basicSalary; // 20% HRA

this.da = 0.1 \* basicSalary; // 10% DA

this.tax = 0.15 \* basicSalary; // 15% Tax

}

public double calculateGrossSalary() {

return basicSalary + hra + da;

}

public double calculateNetSalary() {

return calculateGrossSalary() - tax;

}

public void displayPayroll() {

System.out.println("\n--- Company Employee Payroll ---");

System.out.println("Employee ID : " + employeeId);

System.out.println("Name : " + name);

System.out.println("Job Title : " + jobTitle);

System.out.println("Basic Salary : ₹" + basicSalary);

System.out.println("HRA (20%) : ₹" + hra);

System.out.println("DA (10%) : ₹" + da);

System.out.println("Tax (15%) : ₹" + tax);

System.out.println("Gross Salary : ₹" + calculateGrossSalary());

System.out.println("Net Salary : ₹" + calculateNetSalary());

System.out.println("--------------------------------");

}

}

public class CompanyEmployeePayroll {

public static void main(String[] args) {

Scanner scanner = new Scanner(System.in);

int n = 0;

while (true) {

System.out.print("Enter number of employees: ");

if (scanner.hasNextInt()) {

n = scanner.nextInt();

scanner.nextLine(); // consume newline

break;

} else {

System.out.println("Invalid input. Please enter a valid integer.");

scanner.nextLine(); // consume invalid input

}

}

for (int i = 0; i < n; i++) {

System.out.println("\nEnter details for Employee " + (i + 1));

System.out.print("Enter Employee ID: ");

String employeeId = scanner.nextLine();

System.out.print("Enter Name: ");

String name = scanner.nextLine();

System.out.print("Enter Job Title (e.g., Manager, Developer): ");

String jobTitle = scanner.nextLine();

double basicSalary = 0;

while (true) {

System.out.print("Enter Basic Salary: ");

if (scanner.hasNextDouble()) {

basicSalary = scanner.nextDouble();

scanner.nextLine(); // consume newline

break;

} else {

System.out.println("Invalid input. Please enter a valid number.");

scanner.nextLine(); // consume invalid input

}

}

CompanyEmployee employee = new CompanyEmployee(employeeId, name, jobTitle, basicSalary);

employee.displayPayroll();

}

scanner.close();

}

}