

## **SALARY CALCULATOR LO1**

### **AIM:**

Implement a Java program to calculate gross salary & net salary taking the following data. Input: empno, empname, basic Process: DA=70% of basic, HRA=30% of basic, CCA=Rs240/-, PF=10% of basic, PT= Rs100/

### **CODE:**

```
import java.util.Scanner;

public class SalaryCalculator {

    public static void main(String[] args) {
        Scanner scanner = new Scanner(System.in);

        // Input employee details
        System.out.print("Enter Employee Number: ");
        int empNo = scanner.nextInt();

        scanner.nextLine(); // Consume newline left-over
        System.out.print("Enter Employee Name: ");
        String empName = scanner.nextLine();

        System.out.print("Enter Basic Salary: ");
        double basicSalary = scanner.nextDouble();

        // Calculations
        double DA = 0.70 * basicSalary; // Dearness Allowance
        double HRA = 0.30 * basicSalary; // House Rent Allowance
        double CCA = 240.00; // City Compensatory Allowance
        double PF = 0.10 * basicSalary; // Provident Fund
        double PT = 100.00; // Professional Tax

        // Calculate Gross Salary
        double grossSalary = basicSalary + DA + HRA + CCA;

        // Calculate Net Salary
        double netSalary = grossSalary - (PF + PT);

        // Output the results
        System.out.println("Employee Number: " + empNo);
        System.out.println("Employee Name: " + empName);
        System.out.println("Basic Salary: " + basicSalary);
```

```
        System.out.println("Dearness Allowance (DA): " + DA);
        System.out.println("House Rent Allowance (HRA): " + HRA);
        System.out.println("City Compensatory Allowance (CCA): " + CCA);
        System.out.println("Provident Fund (PF): " + PF);
        System.out.println("Professional Tax (PT): " + PT);
        System.out.println("Gross Salary: " + grossSalary);
        System.out.println("Net Salary: " + netSalary);

        scanner.close();
    }
}
```

### **OUTPUT:**

```
Enter Employee Number: 77
Enter Employee Name: Charmy Dhawan
Enter Basic Salary: 2000000
Employee Number: 77
Employee Name: Charmy Dhawan
Basic Salary: 2000000.0
Dearness Allowance (DA): 1400000.0
House Rent Allowance (HRA): 600000.0
City Compensatory Allowance (CCA): 240.0
Provident Fund (PF): 200000.0
Professional Tax (PT): 100.0
Gross Salary: 4000240.0
Net Salary: 3800140.0
```

**CONCLUSION:** we learnt to use the scanner and util function by doing salary calculation.