P2

Implement the concept of Static & Final Keyword based on your Domain.

public class emp {

    private static final *double* BASE\_SALARY\_RAISE\_PERCENTAGE = 5.0;

    private String employeeName;

    private *double* baseSalary;

    public emp(String *employeeName*, *double* *baseSalary*) {

        this.employeeName = *employeeName*;

        this.baseSalary = *baseSalary*;

    }

    public static *void* displayBaseSalaryRaisePercentage() {

        System.out.println("Base Salary Raise Percentage: " + BASE\_SALARY\_RAISE\_PERCENTAGE + "%");

    }

    public final *double* calculateTotalSalary(*double* *bonus*) {

*double* totalSalary = baseSalary + *bonus*;

        // Apply the static base salary raise percentage

        totalSalary \*= (1 + BASE\_SALARY\_RAISE\_PERCENTAGE / 100);

        return totalSalary;

    }

    public static *void* main(String[] *args*) {

        emp e1 = new emp("Harsha", 23000);

        e1.displayBaseSalaryRaisePercentage();

        System.out.println("Salary after raise is" + e1.calculateTotalSalary(50000));

    }

}

