

31. Write a Java program to create a class called "Employee" with a name, job title, and salary attributes, and methods to calculate and update salary.

Sample Output:

Employee Details:

Name: Franziska Waltraud

Job Title: HR Manager

Salary: 40000.0

Name: Hubertus Andrea

Job Title: Software Engineer

Salary: 60000.0

After raising salary:

8% for 'Franziska Waltraud':

Name: Franziska Waltraud

Job Title: HR Manager

Salary: 43200.0

12% for 'Hubertus Andrea':

Name: Hubertus Andrea

Job Title: Software Engineer

Salary: 67200.0

```
public class Employee {
    private String name;
    private String jobTitle;
    private double salary;

    public Employee(String name, String jobTitle, double salary) {
        this.name = name;
        this.jobTitle = jobTitle;
        this.salary = salary;
    }

    public void displayDetails() {
        System.out.println("Employee Details:");
        System.out.println("Name: " + name);
        System.out.println("Job Title: " + jobTitle);
        System.out.println("Salary: " + salary);
    }

    public void raiseSalary(double percentage) {
        double raiseAmount = salary * (percentage / 100);
        salary += raiseAmount;
    }

    public static void main(String[] args) {
        Employee employee1 = new Employee("Franziska Waltraud", "HR Manager",
40000.0);
```

```

        Employee employee2 = new Employee("Hubertus Andrea", "Software Engineer",
60000.0);

        employee1.displayDetails();
        employee2.displayDetails();

        System.out.println("\nAfter raising salary:");

        double raisePercentage1 = 8;
        double raisePercentage2 = 12;

        System.out.println(raisePercentage1 + "% for " + employee1.getName() +
"":");
        employee1.raiseSalary(raisePercentage1);
        employee1.displayDetails();

        System.out.println(raisePercentage2 + "% for " + employee2.getName() +
"":");
        employee2.raiseSalary(raisePercentage2);
        employee2.displayDetails();
    }

    // Getters and setters for encapsulation
    public String getName() {
        return name;
    }

    public void setName(String name) {
        this.name = name;
    }

    public String getJobTitle() {
        return jobTitle;
    }

    public void setJobTitle(String jobTitle) {
        this.jobTitle = jobTitle;
    }

    public double getSalary() {
        return salary;
    }

    public void setSalary(double salary) {
        this.salary = salary;
    }
}

```