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;

}

}