1. Write a conventional Java class (Bean class) to demonstrate an employee details. Additionally, print Employee details Calculate incremented salary of employee. Use multiple employees for this example.

**package** Lab5;

**class** EmployeeEx2 {

**int** id;

String name;

**double** salary;

EmployeeEx2(**int** id, String name, **double** salary) {

**this**.id = id;

**this**.name = name;

**this**.salary = salary;

}

**void** displayDetails() {

System.***out***.println("ID: " + id);

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

System.***out***.println("Salary: " + salary);

}

**double** calculateIncrementedSalary(**double** incrementPercentage) {

**return** salary + (salary \* incrementPercentage / 100);

}

}

**public** **class** EmployeeDemo {

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

EmployeeEx2 emp1 = **new** EmployeeEx2(101, "Sneha", 50000);

EmployeeEx2 emp2 = **new** EmployeeEx2(102, "Shruti", 60000);

emp1.displayDetails();

System.***out***.println("Incremented Salary: " + emp1.calculateIncrementedSalary(10));

System.***out***.println();

emp2.displayDetails();

System.***out***.println("Incremented Salary: " + emp2.calculateIncrementedSalary(15));

}

}

2. Write a conventional Java class (Bean class) to demonstrate student details. Additionally, print student details Calculate percentage of student with all subject marks. Print student result. Use multiple student for this example.

**package** Lab5;

**public** **class** Student {

**int** rollNo;

String name;

**int**[] marks;

Student(**int** rollNo, String name, **int**[] marks) {

**this**.rollNo = rollNo;

**this**.name = name;

**this**.marks = marks;

}

**void** displayDetails() {

System.***out***.println("Roll No: " + rollNo);

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

System.***out***.print("Marks: ");

**for** (**int** mark : marks) {

System.***out***.print(mark + " ");

}

System.***out***.println();

}

**double** calculatePercentage() {

**int** totalMarks = 0;

**for** (**int** mark : marks) {

totalMarks += mark;

}

**return** (**double**) totalMarks / marks.length;

}

String getResult() {

**for** (**int** mark : marks) {

**if** (mark < 35) {

**return** "Fail";

}

}

**return** "Pass";

}}

**public** **class** StudentDemo {

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

Student student1 = **new** Student(1, "Sakshi", **new** **int**[]{85, 78, 92});

Student student2 = **new** Student(2, "Sarika", **new** **int**[]{55, 60, 35});

System.***out***.println("Student Details:");

student1.displayDetails();

System.***out***.println("Percentage: " + student1.calculatePercentage() + "%");

System.***out***.println("Result: " + student1.getResult());

System.***out***.println();

student2.displayDetails();

System.***out***.println("Percentage: " + student2.calculatePercentage() + "%");

System.***out***.println("Result: " + student2.getResult());

}

}