Question 1: Describe the "**Employee" class** and its usage in the "**SingleEmployeeTest" class** in a Java program. The Employee class stores employee information like ID , work experience as years , salary, and monthly scores, and provides methods for bonus eligibility, salary increment, and average score calculation.

- The **Employee** class has the following attributes:

    - **int id** to store the employee's ID.

    - **int workExperience** to store the employee's work experience in years.

    - **double salary** to store the employee's salary.

    - **int[] score** to store an array of monthly scores.

- The **Employee** class also has the following methods:

    - **bonusEligibility()**: Checks if the employee is eligible for a bonus based on work experience and salary. If the employee work experience is more than 10 years or monthly salary is less than 10000, employee would be eligible for bonus

    - **increment(int inc)**: Increments the employee's salary by a given percentage. The increment would 20% of his/her monthly salary

    - **averageScore()**: Calculates and prints the average score of the employee based on the monthly scores.

Also provide an example of input and the expected output when using the **SingleEmployeeTest"** class

In the **SingleEmployeeTest"** class, user input is used to create 1 Employee object and perform operations.

Example Input:

Enter ID: 1

Enter WorkExperience: 11

Enter Monthly Salary: 300

How many months you want to calculate score: 3

Enter 0 th month score: 1

Enter 1 th month score: 2

Enter 2 th month score: 3

Example Output:

Employee id= 1

workExperience in years= 11

monthly salary= 300.0

Eligible for bonus

incremented salary: 360.0

average score=2.0

Question 2: Now modify the "**SingleEmployeeTest" class** in a way so that now you can create "**n"** number of employess and display their information.

Hint: *use a loop to take information for multiple employees. You can achieve this by using an array to store the employee objects and a loop to iterate over them*