Consider the following problem statement.

A college offers a course that prepares students for the scholarship exam. Last year, ten of the students who completed this course took the exam. The college wants to know how well its students did on the exam. You've been asked to write a program to summarize the results. You've been given a list of these 10 students. Next to each name is written a "1" if the student passed the exam or a "2" if the student failed.

Your program should analyze the results of the exam as follows:

1. Input each test result as (1 or 2). Display the message "Enter result (1= PASS, 2 = FAIL)" on the screen each time the program requests another test result.
2. Display a summary of the test results, indicating the number of students who passed and the number who failed.
3. If more than eight students passed the exam, print the message "Bonus to the instructor!"

Implement the scenario given above in java and write test cases in JUnit.