

Laboratory Exercise

Quiz Bee

Objective:

At the end of the exercise, the students should be able to:

- Create a simple program for a quiz bee.

Software Requirements:

- Latest version of NetBeans IDE
- Java Development Kit (JDK) 8

Procedure:

1. Create a folder named *LastName_FirstName* (ex. Reyes_Mark) in your local drive.
2. Create a new project named **LabExer5B**. Set the project location to your own folder.
3. The program shall:
 - contain an array of 10 multiple choice questions with three (3) choices each and
 - require the user to choose among A, B, or C;
Note: Cases are ignored. Lowercase letters are acceptable (a, b, c).
4. Create a try-catch structure to handle three (3) exceptions. These are when the user inputs the following:
 - an invalid letter (not A, B, or C)
 - a number or any special character
 - blank (no answer)
5. Prompt the user that he can answer again if any of the three (3) exceptions is thrown.
6. Display the score.

GRADING RUBRIC (100 points):

Criterion	Description	Max Points
Correctness	The code produces the expected result.	40
Logic	The code meets the specifications of the problem.	40
Efficiency	The code is concise without sacrificing correctness and logic.	10
Syntax	The code adheres to the rules of the programming language.	10