Guidelines to Attempt Trivia Game Question

**Problem Statement**

The Trivia game should have five questions. Each question has a corresponding answer and point value between 1 and 5 based on the difficulty of the question.

**The winner of the Game should Score 15 Points.**

**The RunnerUp of the Game Should Score 10 Points.**

**If the Score is 3 points he/she has lost the game.**

**Requirement**

Implement the game using 2 String type arrays. An array of type String should be used for storing the questions and answers and 1 integer array to store the points for each answer. Below is the requirement to be used.

**Steps:**

1. Create a method **public static int triviaMethod(String[] questions, String[] answers);**

Note: Do not use Scanner in the method to read the answers,which most of the participants are doing it wrong,if so done You will encounter the exception as given below

Question 1: What is the capital of CANADA? Exception in thread "main" java.util.NoSuchElementException: No line found at java.util.Scanner.nextLine(Scanner.java:1540) at Source.triviaMethod(Source.java:18) at eval.main(eval.java:24)

**2.** Create the Scanner in the main method which is recommended and then read the answers,these answers should then be passed to the method has shown below.

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

**// TODO Auto-generated method stub**

**String[] questions = {**

**"Question 1: What is the capital of CANADA?",**

**"Question 2: What is the capital of ITALY?",**

**"Question 3: What is the capital of INDIA?",**

**"Question 4: How many states are there in USA?",**

**"Question 5: What is the largest population COUNTRY in the world?"**

**};**

**String[] answers = new String[5];**

**Scanner s=new Scanner(System.in);**

**for(int i=0;i<5;i++){**

**System.out.println(questions[i]);**

**answers[i]=s.nextLine();**

**}**

**System.out.print("Final score: "+triviaMethod(questions,answers));**

**}**

**3**.The triviaMethod() should only be invloved in checking the answers sent to it against the answers that has been staticly stored in an array has given below.

**public static int triviaMethod(String[] questions, String[] answers){**

**int [] points = {2,3,2,3,5};**

**// Scanner sc=new Scanner(System.in);**

**int p=0;**

**String[] a = {**

**"OTTAWA",**

**"ROME",**

**"DELHI",**

**"50",**

**"CHINA"**

**};**

**for(int i=0;i<5;i++){**

**// System.out.println(questions[i]);**

**// a=sc.nextLine();**

**if(a[i].equalsIgnoreCase(answers[i])){**

**p+=points[i];**

**System.out.println("Correct!");**

**}**

**else{**

**System.out.println("Wrong answer");**

**}**

**}**

**return p;**

**}**

What should not be done is shown below,the reason for this is inputs passed using scanner,the tool expects to do it from the main method,and the tool does not expect for any questions to provide the input using scanner or writing the scanner code in the method,has it does not allow it.

**Please see this SS of one the partcipants who has submitted it which should not be followed.**

A screenshot of a computer

Description automatically generated

Not Allowed

Because of which the below the tool raised and exception and could get accepted.

Graphical user interface, text

Description automatically generated