import java.util.Scanner;

public class QuizApplication {

public static void main(String[] args) {

// Create a Scanner object to read user input

Scanner scanner = new Scanner(System.in);

// Define the quiz questions and answers

String[] questions = {

"1. Niagara Falls is an international border between which two countries?\n(a)USA and UK\n(b)Canada and USA\n(c)India and Pakistan",

"2. What is the largest planet in our solar system?\n(a) Jupiter\n(b) Saturn\n(c) Earth",

"3.What is used in making pencils?\n(a)Graphite\n(b)Lead\n(c)Copper",

"4.Which country's border touches the maximum countries?\n(a)India\n(b)Russia\n(c)China",

"5.What is the square of number 16?\n(a)289\n(b)256\n(c)343"

};

String[] answers = {"b", "a", "a","c","b"};

// Track the user's score

int score = 0;

// Display each question and get the user's answer

for (int i = 0; i < questions.length; i++) {

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

String userAnswer = scanner.nextLine().toLowerCase();

// Check if the user's answer is correct

if (userAnswer.equals(answers[i])) {

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

score++;

} else {

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

}

}

// Display the final score

System.out.println("Your score: " + score + "/" + questions.length);

// Close the scanner

scanner.close();

}

}