Machindra Chitale

TASK 2.Quiz Game

```java
import java.util.Scanner;

public class QuizGame {
    public static void main(String[] args) {
        Scanner scanner = new Scanner(System.in);

        System.out.println("Welcome to the Quiz Game!");
        System.out.println("Let's get started...");

        // Array to hold questions and answers
        String[][] questions = {
            {"What is the capital of France?", "A. Paris", "B. Rome", "C. London", "D. Berlin", "A"},
            {"Who painted the Mona Lisa?", "A. Vincent van Gogh", "B. Leonardo da Vinci", "C. Pablo Picasso", "D. Michelangelo", "B"},
            {"What is the powerhouse of the cell?", "A. Nucleus", "B. Mitochondria", "C. Golgi apparatus", "D. Ribosome", "B"}
```

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        };

        int score = 0;

        // Display questions and get user's answers
        for (String[] question : questions) {
            System.out.println(question[0]);
            for (int i = 1; i < question.length - 1; i++) {
                System.out.println(question[i]);
            }
            System.out.print("Your answer: ");
            String userAnswer = scanner.nextLine().toUpperCase();

            if (userAnswer.equals(question[question.length - 1])) {
                System.out.println("Correct!\n");
                score++;
            } else {
                System.out.println("Incorrect! The correct answer is " + question[Integer.parseInt(question[question.length - 1])]);
                System.out.println();
```

```java
            }
        }

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

        scanner.close();
    }
}
```