

## Quiz App :

A simple app for quiz you take questions on any topic and you can work on any language.

```
import java.util.ArrayList;
```

```
import java.util.List;
```

```
import java.util.Scanner;
```

```
class Question {
```

```
    private String questionText;
```

```
    private String correctAnswer;
```

```
    public Question(String questionText, String correctAnswer) {
```

```
        this.questionText = questionText;
```

```
        this.correctAnswer = correctAnswer;
```

```
    }
```

```
    public boolean isCorrect(String userAnswer) {
```

```
        return correctAnswer.equalsIgnoreCase(userAnswer);
```

```
    }
```

```
    public String getQuestionText() {
```

```
        return questionText;
```

```
    }
```

```
}
```

```
class Quiz {  
  
    private List<Question> questions = new ArrayList<>();  
  
    private int score = 0;  
  
  
    public void addQuestion(Question question) {  
        questions.add(question);  
    }  
  
  
    public void startQuiz() {  
        Scanner scanner = new Scanner(System.in);  
        for (Question question : questions) {  
            System.out.println(question.getQuestionText());  
            String userAnswer = scanner.nextLine();  
            if (question.isCorrect(userAnswer)) {  
                System.out.println("Correct!");  
                score++;  
            } else {  
                System.out.println("Incorrect. The correct answer is: " + question.correctAnswer);  
            }  
        }  
        System.out.println("Quiz completed! Your score is: " + score + "/" + questions.size());  
    }  
}
```

```
public class Main {  
    public static void main(String[] args) {  
        // Create a quiz  
        Quiz quiz = new Quiz();  
  
        // Add questions to the quiz  
        quiz.addQuestion(new Question("What is the capital of France?", "Paris"));  
        quiz.addQuestion(new Question("What is 2 + 2?", "4"));  
        // Add more questions as needed  
  
        // Start the quiz  
        quiz.startQuiz();  
    }  
}
```