

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

```
public class Quiz {
```

```
    private Question[] questions;
```

```
    private int score;
```

```
    public Quiz(Question[] questions) {
```

```
        this.questions = questions;
```

```
        this.score = 0;
```

```
    }
```

```
    public void displayQuestion(int questionNum) {
```

```
        Question question = questions[questionNum];
```

```
        String questionText = question.getQuestion();
```

```
        String[] options = question.getOptions();
```

```
        System.out.println("Question " + (questionNum + 1) + ": " + questionText);
```

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

```
            System.out.println((i + 1) + ". " + options[i]);
```

```
        }
```

```
    }
```

```
    public void submitAnswer(int questionNum, int userAnswer) {
```

```
        Question question = questions[questionNum];
```

```
        int correctAnswer = question.getAnswer();
```

```
        if (userAnswer == correctAnswer) {
```

```
            score++;
```

```
}  
}
```

```
public void startQuiz() {  
    Scanner scanner = new Scanner(System.in);  
    for (int i = 0; i < questions.length; i++) {  
        displayQuestion(i);  
        long startTime = System.currentTimeMillis();  
        int userAnswer = scanner.nextInt();  
        long endTime = System.currentTimeMillis();  
        double timeTaken = (endTime - startTime) / 1000.0;  
        if (timeTaken > 10) {  
            System.out.println("Time's up! Moving to the next question.");  
            continue;  
        }  
        submitAnswer(i, userAnswer);  
    }  
    System.out.println("\nQuiz completed!");  
    System.out.println("Your score: " + score + "/" + questions.length);  
    System.out.println("Summary:");  
    for (int i = 0; i < questions.length; i++) {  
        Question question = questions[i];  
        System.out.println("Question " + (i + 1) + ": " + (userAnswer == question.getAnswer() ?  
"Correct" : "Incorrect"));  
    }  
}
```

```
public static void main(String[] args) {  
    Question[] questions = {  
        new Question("What is the capital of France?", new String[]{"London", "Paris",  
"Berlin", "Madrid"}, 2),  
        new Question("What is 2 + 2?", new String[]{"3", "4", "5", "6"}, 2)  
    };  
  
    Quiz quiz = new Quiz(questions);  
    quiz.startQuiz();  
}  
}
```

```
class Question {  
    private String question;  
    private String[] options;  
    private int answer;  
  
    public Question(String question, String[] options, int answer) {  
        this.question = question;  
        this.options = options;  
        this.answer = answer;  
    }  
  
    public String getQuestion() {  
        return question;  
    }  
}
```

```
}
```

```
public String[] getOptions() {
```

```
    return options;
```

```
}
```

```
public int getAnswer() {
```

```
    return answer;
```

```
}
```

```
}
```