

```
import java.util.*;
```

```
class Question {  
    String questionText;  
    String[] options;  
    int correctOption; // 1-based index  
  
    Question(String questionText, String[]  
options, int correctOption) {  
        this.questionText = questionText;  
        this.options = options;  
        this.correctOption = correctOption;  
    }  
  
    boolean isCorrect(int answer) {  
        return answer == correctOption;  
    }  
}
```

```
public class QuizApp {  
    public static void main(String[] args) {
```

```
Scanner sc = new Scanner(System.in);
```

```
List<Question> quiz = new  
ArrayList<>();
```

```
    quiz.add(new Question("What is the  
capital of India?", new String[]{"1. Delhi", "2.  
Mumbai", "3. Kolkata", "4. Chennai"}, 1));
```

```
    quiz.add(new Question("Which  
language is used for Android  
development?", new String[]{"1. Swift", "2.  
Java", "3. Python", "4. C#"}, 2));
```

```
    quiz.add(new Question("What is 2 +  
2?", new String[]{"1. 3", "2. 4", "3. 5", "4. 6"},  
2));
```

```
int score = 0;
```

```
System.out.println("===== Welcome to  
the Quiz App =====\n");
```

```
for (Question q : quiz) {
```

```
        System.out.println(q.questionText);
        for (String opt : q.options) {
            System.out.println(opt);
        }
        System.out.print("Your answer (1-4):
");
        int ans = sc.nextInt();
        if (q.isCorrect(ans)) {
            System.out.println("Correct!\n");
            score++;
        } else {
            System.out.println(" Wrong!
Correct answer is option " +
q.correctOption + "\n");
        }
    }

    System.out.println("==== Quiz Over
====");
    System.out.println("Your Score: " +
score + "/" + quiz.size());
```

```
sc.close();
```

```
}
```

```
}
```