

~\Downloads\quiz.java

```
1 import java.util.Scanner;
2
3 public class QuizProgram {
4     public static void main(String[] args) {
5         Scanner scanner = new Scanner(System.in);
6         int score = 0;
7
8         // Questions and answers
9         String[][] questions = {
10             {"What is the capital of France?", "A. Paris", "B. London", "C. Berlin", "D. Madrid", "A"},
11             {"What is 2 + 2?", "A. 3", "B. 4", "C. 5", "D. 6", "B"},
12             {"What is the largest planet in our solar system?", "A. Earth", "B. Mars", "C. Jupiter", "D. Saturn", "C"},
13             {"Who wrote 'To Kill a Mockingbird'?", "A. Harper Lee", "B. Mark Twain", "C. Ernest Hemingway", "D. J.K. Rowling", "A"},
14             {"What is the chemical symbol for water?", "A. H2O", "B. O2", "C. CO2", "D. He", "A"}
15         };
16
17         // Quiz
18         for (int i = 0; i < questions.length; i++) {
19             System.out.println("Question " + (i + 1) + ": " + questions[i][0]);
20             System.out.println("A. " + questions[i][1]);
21             System.out.println("B. " + questions[i][2]);
22             System.out.println("C. " + questions[i][3]);
23             System.out.println("D. " + questions[i][4]);
24             System.out.print("Your answer (A, B, C, D): ");
25             String answer = scanner.nextLine().toUpperCase();
26
27             // Check answer
28             if (answer.equals(questions[i][5])) {
29                 System.out.println("Correct!");
30                 score++;
31             } else {
32                 System.out.println("Wrong! The correct answer was " + questions[i][5] + ".");
33             }
34             System.out.println(); // Print a blank line for better readability
35         }
36
37         // Final score
38         System.out.println("Quiz completed!");
39         System.out.println("Your final score is: " + score + " out of " + questions.length);
40         scanner.close();
41     }
42 }
43
```