

Objective: Create a console-based quiz application

```
import java.util.Scanner;

public class QuizApp {

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

        // Questions, options, and answers
        String[] questions = {
            "1. Who is the prime minister of uttarpradesh?",
            "2. Who is the chief minister of uttarpradesh?",
            "3.Which is the smallest country in the world by area?",
            "4.Which river is the longest in the world?"
        };

        String[][] options = {
            {"A) Narendra modi", "B) amit shah", "C) yogi aditya nath",
            "D) akhilesh sing"},
            {"A) yogi adityanath", "B) Arvind Kejriwal", "C) Mamata
            Banerjee", "D) Nitish Kumar"},
            {"A) London", "B) Vatican City", "C) Thialand", "D) Kanada"},
            {"A) Atlantic", "B) Indian", "C) Pacific", "D) Nile River"}
        };

        char[] answers = {'C', 'B', 'B', 'C'};

        int score = 0;

        System.out.println("□ Welcome to the Quiz Game! □\n");

        for (int i = 0; i < questions.length; i++) {
            System.out.println(questions[i]);
            for (String option : options[i]) {
                System.out.println(option);
            }

            System.out.print("Your answer (A/B/C/D): ");
            char userAnswer =
                Character.toUpperCase(scanner.next().charAt(0));

            if (userAnswer == answers[i]) {
                System.out.println("✔ Correct!\n");
                score++;
            } else {
                System.out.println("✘ Wrong! The correct answer was " +
                answers[i] + ".\n");
            }
        }

        System.out.println("□ Your final score is: " + score + "/" +
        questions.length);
        System.out.println("Thank you for playing!");
    }
}
```

```
scanner.close();  
}  
}
```

OUTPUT

Welcome to the Quiz Game! 🎮

1. Who is the prime minister of uttarpradesh?

A) Narendra modi

B) amit shah

C) yogi aditya nath

D) akhilesh sing

Your answer (A/B/C/D): A

~~X~~Wrong! The correct answer was C.

2. Who is the chief minister of uttarpradesh?

A) yogi adityanath

B) Arvind Kejriwal

C) Mamata Banerjee

D) Nitish Kumar

Your answer (A/B/C/D): A

~~X~~Wrong! The correct answer was B.

3.Which is the smallest country in the world by area?

A) London

B) Vatican City

C) Thialand

D) Kanada

Your answer (A/B/C/D): B

✓Correct!

4.Which river is the longest in the world?

A) Atlantic

B) Indian

C) Pacific

D) Nile River

Your answer (A/B/C/D): D

~~X~~Wrong! The correct answer was C.

📊 Your final score is: 1/4

Thank you for playing!