QuizGenerator Application

Overview

The **QuizGenerator** is a command-line application that allows users to create quizzes on various topics, add multiple-choice questions, specify correct answers, take the quiz, and receive feedback with scores.

Features

- Create a quiz with custom questions and multiple-choice options.
- Users can take the quiz and receive scores.
- Provides feedback on correct and incorrect answers.
- Easy to extend and modify with more features.

Commands and Interactions

1. Create a Quiz

- When prompted, enter the number of questions you'd like to add.
- For each question, input the following:
- The question text (e.g., "What is the capital of India?")
- Four options (A, B, C, D)
- The correct answer (e.g., 'A', 'B', etc.)

2. Take the Quiz

- After creating the quiz, the program will automatically begin the quiz.
- You will be shown each question along with the multiple-choice options.
- Input your answer by typing 'A', 'B', 'C', or 'D'.
- The program will tell you if your answer is correct or incorrect and show the correct answer if you get it wrong.

3. View Score and Feedback

- After completing all questions, the program will display your final score.
- You will also receive feedback on each question during the quiz.

Example

Create a Quiz

Enter the number of questions: 2

Question 1:

Enter the question: What is the capital of India?

Enter option A: Delhi

Enter option B: Telangana

Enter option C: Maharashtra

Enter option D: Tamil Nadu

Enter the correct answer (A/B/C/D): A

Question 2:

Enter the question: What is 5 + 3?

Enter option A: 6

Enter option B: 7

Enter option C: 8

Enter option D: 9

Enter the correct answer (A/B/C/D): C

Take the Quiz

What is the capital of India?

A: Delhi

B: Telangana

C: Maharashtra

D: Tamil Nadu

Enter your answer (A/B/C/D): A

Correct!

What is 5 + 3?

A: 6

B: 7

C: 8

D: 9

Enter your answer (A/B/C/D): B

Incorrect! The correct answer was C.

You scored 1 out of 2.