Task: Quiz Application – Multiple-Choice Questions

Description:

Create a Python program that presents multiple-choice questions to the user, collects their answers, and displays their score at the end. The program should include questions with four answer options, and the user must select one.

Steps to Follow:

1. **Define Questions and Answers**: Use a list of dictionaries to store questions, answer options, and the correct answer.
2. **Display Instructions**: Show instructions to the user about how to take the quiz.
3. **Ask Questions**: Loop through each question and prompt the user to answer.
4. **Check Answers**: Compare the user's answer to the correct answer and update the score.
5. **Show Final Score**: After all questions, display the total score and feedback.

Example:

Question 1: What is the capital of France?
A) Berlin
B) Madrid
C) Paris
D) Rome

User's Answer: C) Paris
Correct Answer: C) Paris