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def run_quiz():
    questions = [
        {"question": "What is the capital of Italy?", "options": ["Rome", "Paris",
"Berlin"], "correct_answer": "Rome"},
        {"question": "Which programming language is this quiz written in?",
"options": ["Java", "Python", "C++"], "correct_answer": "Python"},
        {"question": "How many continents are there?", "options": ["5", "6", "7"],
"correct_answer": "7"}
    ]

    score = 0

    for idx, question in enumerate(questions, start=1):
        print(f"\nQuestion {idx}: {question['question']}")
        for i, option in enumerate(question['options'], start=1):
            print(f"{i}. {option}")

        user_answer = input("Your answer (enter the number): ")

        try:
            user_answer = int(user_answer)
            if 1 <= user_answer <= len(question['options']):
                user_answer = question['options'][user_answer - 1]
            else:
                print("Invalid choice. Skipping question.")
                continue
        except ValueError:
            print("Invalid input. Skipping question.")
            continue

        if user_answer.lower() == question['correct_answer'].lower():
            print("Correct!")
            score += 1
        else:
            print(f"Incorrect. The correct answer is {question['correct_answer']}.")

    print(f"\nQuiz completed! Your final score is {score} out of {len(questions)}.")

# Run the quiz
run_quiz()

```