mport random

# Flashcards related to Python concepts (question: answer)

flashcards = {

"Which function is used to get the length of a list in Python?": "len()",

"How do you create a comment in Python?": "#",

"What is the data type of 'True' in Python?": "bool",

"What operator is used to check equality in Python?": "==",

"What is the result of 10 % 3 in Python?": "1",

"Which keyword is used to define a function in Python?": "def",

"Which method is used to add an item to a list in Python?": "append()"

}

# Convert flashcards dictionary to a list of tuples and shuffle

flashcard\_list = list(flashcards.items())

random.shuffle(flashcard\_list)

def quiz():

score = 0

for question, answer in flashcard\_list:

user\_answer = input(f"{question} ")

if user\_answer == answer:

print("Correct!")

score += 1

else:

print(f"Incorrect. The correct answer is {answer}.")

print(f"\nQuiz Over! Your final score: {score}/{len(flashcard\_list)}")

if \_name\_ == "\_main\_":

print("Welcome to the Python Concepts Flashcard Quiz Game!")

    quiz()