**Motioncut Internship Project**

**QUIZ :-**

**import random**

**def display\_intro():**

**print("Welcome to the Python Quiz Game!")**

**print("Answer the following questions to test your Python knowledge.\n")**

**def get\_user\_input(question, options):**

**print(question)**

**for i, option in enumerate(options, start=1):**

**print(f"{i}. {option}")**

**while True:**

**try:**

**choice = int(input("Enter the number of your choice: "))**

**if 1 <= choice <= len(options):**

**return choice**

**else:**

**print("Invalid choice. Please enter a valid number.")**

**except ValueError:**

**print("Invalid input. Please enter a number.")**

**def evaluate\_answer(user\_answer, correct\_answer):**

**if user\_answer == correct\_answer:**

**print("Correct!")**

**return 1**

**else:**

**print(f"Wrong! The correct answer is {correct\_answer}.")**

**return 0**

**def run\_quiz():**

**questions = [**

**{**

**'question': 'Who is the king of fruits?',**

**'options': ['Apple', 'Mango', 'Banana'],**

**'correct\_answer': 2**

**},**

**{**

**'question': 'Which of the following is Mobile Brand?',**

**'options': ['Oppo', 'Audi', 'KFC'],**

**'correct\_answer': 1**

**},**

**{**

**'question': 'What is the result of 2 + 2?',**

**'options': ['3', '4', '5'],**

**'correct\_answer': 2**

**}**

**]**

**score = 0**

**for question\_data in questions:**

**question = question\_data['question']**

**options = question\_data['options']**

**correct\_answer = question\_data['correct\_answer']**

**user\_answer = get\_user\_input(question, options)**

**score += evaluate\_answer(user\_answer, correct\_answer)**

**return score**

**def display\_final\_score(score):**

**print(f"\nYour final score is: {score}/3")**

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

**display\_intro()**

**user\_score = run\_quiz()**

**display\_final\_score(user\_score)**