# python basic quiz game

Questions = [

“Which of the following are valid variable names in Python?: “,

“Which of the following are mutable data types in Python?: “,

“Which statements about Python functions are true?: “,

“Which of the following are valid ways to open and read a file in Python?: “,

“What are the advantages of using Python?: “

]

Options = [

[“A.\_var\_name”, “B.1\_variable”, “C.myVar”, “D.myVar”],

[“A. Lists”, “B. Tuples”, “C. Sets”, “D. Dictionaries”],

[“A. Functions can return multiple values using tuples”, “B.Functions in Python are first-class objects”, “C.A function in Python can be defined inside another function”, “D.Python functions cannot have default arguments”],

[“A.open(‘file.txt’, ‘r’)”, “B.with open(‘file.txt’, ‘r’) as file: content = file.read()”, “C.file.open(‘file.txt’, ‘r’)”, “D.open(‘file.txt’, ‘w’)”],

[“A.Readability”, “B.Extensive libraries and frameworks”, “C.Cross-platform compatibility”, “D.Strongly typed variables”]

]

Answers = [“A,C”, “A,C,D”, “A,B,C”, “A,B”, “A,B,C”]

Feedback = []

Score = 0

For Question\_num, Question in enumerate(Questions):

Print(“---------------------------------------“)

Print(Question)

For Option in Options[Question\_num]:

Print(Option)

Guess = input(“Enter (A, B, C, D): “).upper()

Feedback.append(Guess)

If Guess == Answers[Question\_num]:

Score += 1

Print(“Correct!”)

Else:

Print(“Incorrect!”)

Print(f”Correct answer(s): {Answers[Question\_num]}”)

Print(“---------------------------------------“)

Print(“--------------- Result -----------------“)

Print(“Answers:”, ‘ ‘.join(Answers))

Print(“Feedback:”, ‘ ‘.join(Feedback))

Final\_Score = (Score / len(Questions)) \* 100

Print(f”Your Score is: {final\_Score}%”)