

ASSIGNMENT: Quiz

Build a quiz system that:

Randomly selects questions

Randomly shuffles answer options

Calculates score

Demonstrates core usage of the random module. Each question is stored as a dictionary

Following questions are given to you. All questions stored in a list

...

```
quiz_questions = [
    {
        "question": "What is the output of: print(2 ** 3)?",
        "options": ["6", "8", "9", "5"],
        "answer": "8"
    },
    {
        "question": "Which keyword is used to define a function in Python?",
        "options": ["func", "define", "def", "function"],
        "answer": "def"
    },
    {

```

```
"question": "Which data type is immutable?",  
  "options": ["List", "Dictionary", "Set", "Tuple"],  
  "answer": "Tuple"  
,  
{  
  "question": "What does len([1,2,3]) return?",  
  "options": ["2", "3", "Error", "None"],  
  "answer": "3"  
,  
{  
  "question": "Which module is used to generate random numbers?",  
  "options": ["math", "random", "datetime", "os"],  
  "answer": "random"  
}  
]
```

...