

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"
}
]

'''
```