Solution Review: Size of a Dictionary Within a Dictionary

This lesson will explain how to determine the size of a dictionary within a dictionary.

WE'LL COVER THE FOLLOWING

Solution 1: Use `len()` Function

To calculate the number of students in the dictionary, get the length of the total keys in the dictionary using `len(student.keys())`

The following python code demonstrates the concept.

```
def totalStudents(students):
  return(len(students.keys()))

students = {
      "Peter": {"age": 10, "address": "Lisbon"},
      "Isabel": {"age": 11, "address": "Sesimbra"},
      "Anna": {"age": 9, "address": "Lisbon"},
}
print(totalStudents(students))
```

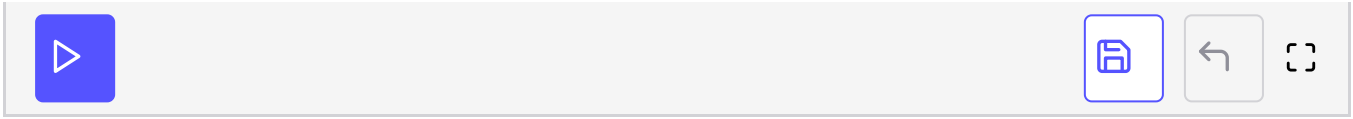
Solution 2: Use `len()` Function

The solution1 looks more easy to understand but the simple `len` function can also return the correct result using `len(students)`.

The following python code demonstrates the concept.

```
def totalStudents(students):
  return len(students)

students = {
      "Peter": {"age": 10, "address": "Lisbon"},
      "Isabel": {"age": 11, "address": "Sesimbra"},
      "Anna": {"age": 9, "address": "Lisbon"},
}
print(totalStudents(students))
```



Let’s move on to the detailed solution of the above problem.