Solution Review: Average Values Within Multiple Dictionaries

This lesson will explain how to find average values of a single key with multiple dictionaries.

Solution: Use `for` loop

- Iterate over `students.values()` using for loop to get the age of each student, and add it in a variable.
- When the for loop terminates, divide the sum of ages with total keys in the dictionary using `len(student.keys())`

The following python code demonstrates the concept.

```python
def calculateAverageAge(students):
  add_age = 0
  for thing in students.values():
      age = thing['age']
      add_age = add_age + age

  return(add_age / len(students.keys()))

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

Now, let's move on to the next problem.