Solution Review : Return Key With a Maximum Value

This lesson will explain how to find a key with a maximum value.

> **WE'LL COVER THE FOLLOWING** ∧
>
> - Solution: Use `max()` Function

Solution: Use `max()` Function

- Create a list containing values and another list containing keys.
- Get the maximum index of values using the max() built-in function. Then, using `key[value.index(max(value))]`, get the key corresponding to the maximum value.

The following python code illustrates the concept.

```python
def oldestStudent(ages):

  value = list(ages.values())
  key = list(ages.keys())
  return key[value.index(max(value))]

ages = {
    "Peter": 10,
    "Isabel": 11,
    "Anna": 9,
    "Thomas": 10,
    "Bob": 10,
    "Joseph": 11,
    "Maria": 12,
    "Gabriel": 10,
  }
print(oldestStudent(ages))
```

Let's move on to the next problem.