

Solution Review: Increment Dictionary Values

This lesson will explain how to increment values in a dictionary.

WE'LL COVER THE FOLLOWING

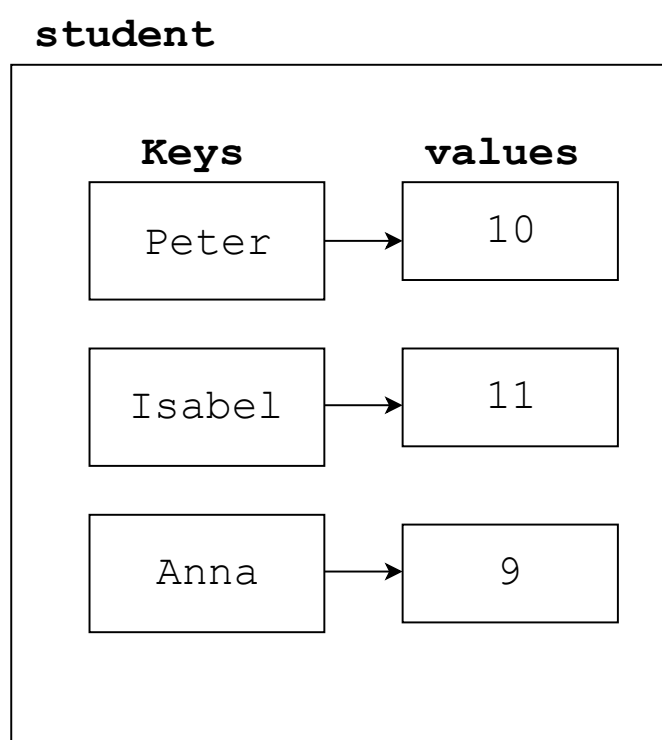


- Solution: Loop Over the Dictionary and Increment Value

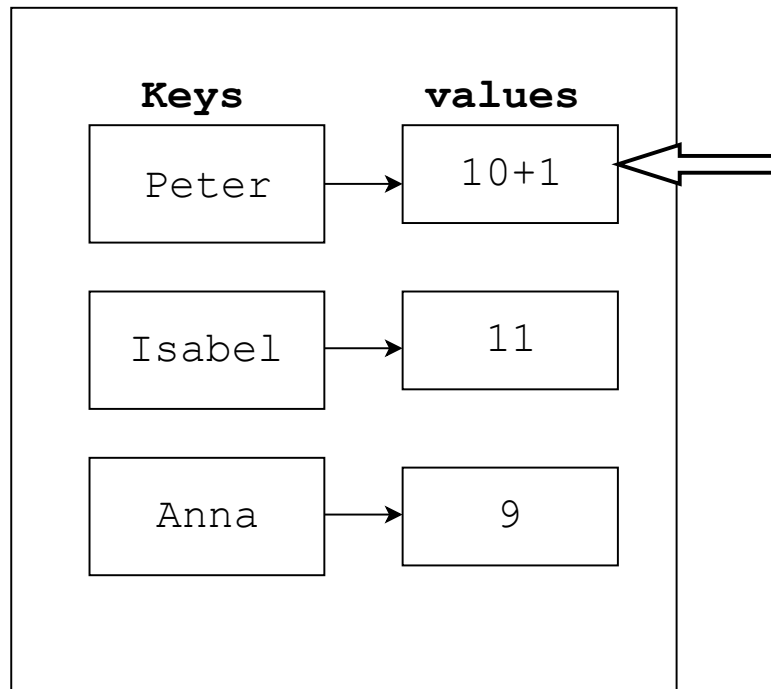
Solution: Loop Over the Dictionary and Increment Value

Use a for loop to iterate over the length of the dictionary, incrementing the value of age in the dictionary with a number `n` and then saving the value in a new dictionary.

The following illustration explains the concept of iterating the values of a dictionary containing only 3 students.

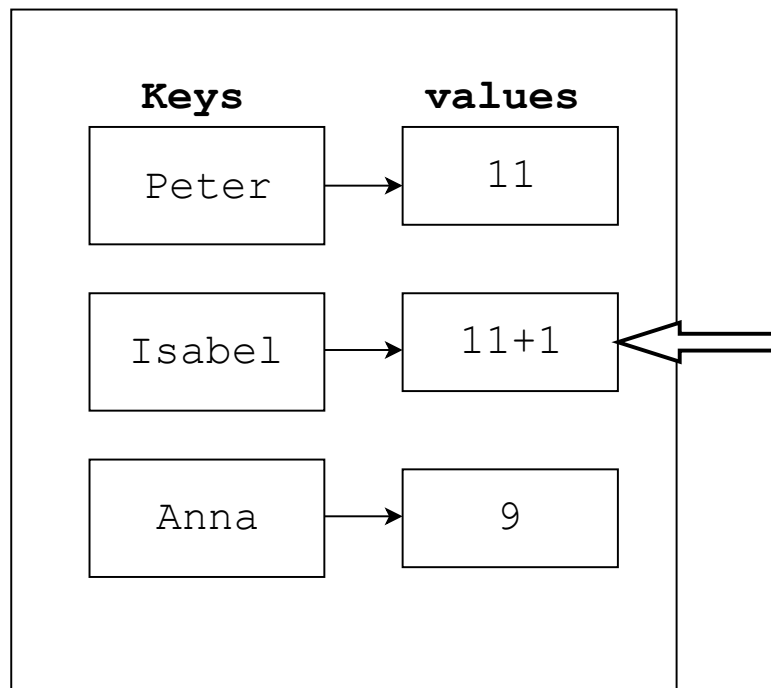


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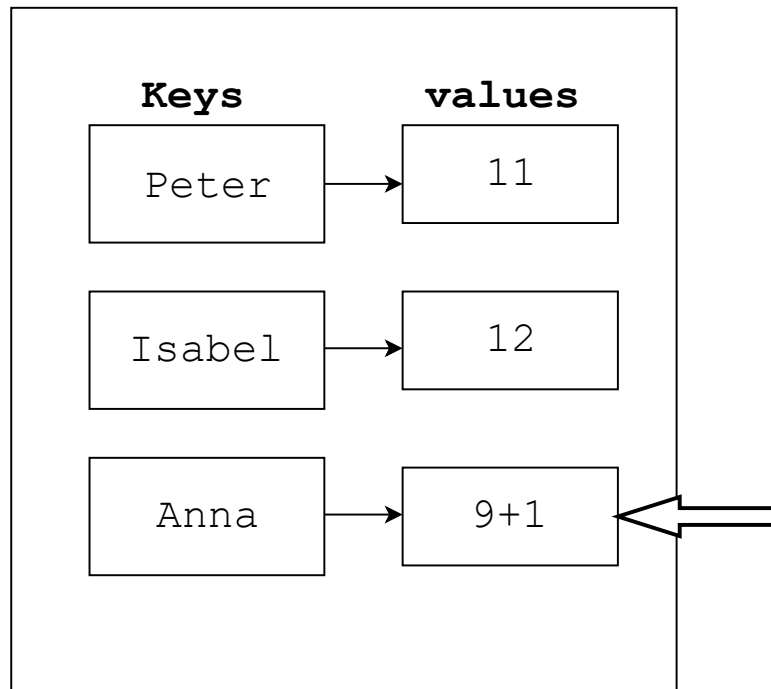
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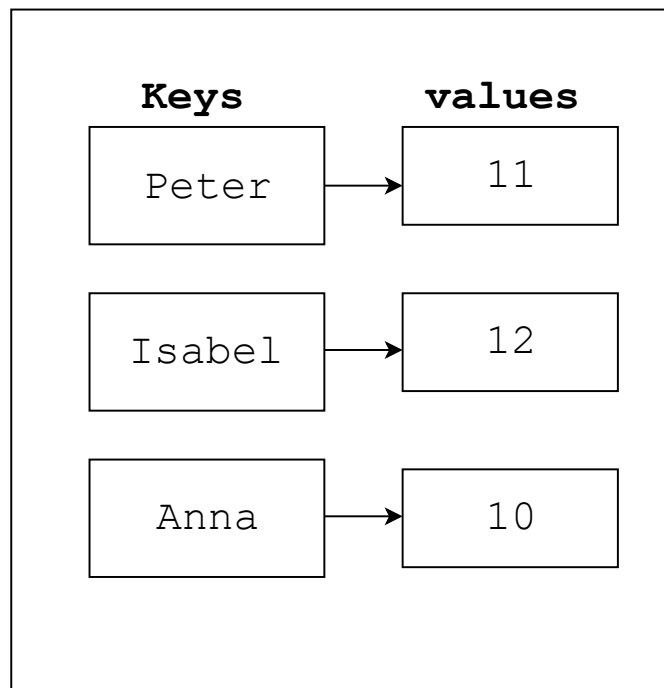
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The following python code demonstrates the concept.

```
def updateAges(ages, n):
    new_ages = {}
    for word in ages:
        new_ages[word] = ages[word] + n
    return new_ages
ages = {
    "Peter": 10,
    "Isabel": 11,
    "Anna": 9,
    "Thomas": 10,
    "Bob": 10,
    "Joseph": 11,
    "Maria": 12,
    "Gabriel": 10,
}
new_ages = updateAges(ages, 10)
print(new_ages)
```



Let's move on to the next problem.