

```
In [1]: # 9. The collection "sounds" contains some errors. Animal names have accidentally been inserted in some instances,
# instead of the sound they make. Iterate through the sounds collection and use the animal_sounds collection
# to automatically replace the animal names in the sounds list with the correct sound.
animals_sounds = {"horse": "neigh", "pig": "oink", "dog": "bark", "cow": "moo", "duck": "quack", "cat": "meow"}
sounds = ["meow", "moo", "bark", "pig", "quack", "horse"]
print(animals_sounds)
print(sounds)
for i in animals_sounds:
    if sounds[0] == animals_sounds[i]: #working
        print(sounds[0] + ' found' + ' at position ' + i)
    else:
        print(sounds[0] + ' not found')

{'horse': 'neigh', 'pig': 'oink', 'dog': 'bark', 'cow': 'moo', 'duck': 'quack', 'cat': 'meow'}
['meow', 'moo', 'bark', 'pig', 'quack', 'horse']
meow not found
meow not found
meow not found
meow not found
meow not found
meow not found
meow found at position cat
```

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In [2]: animals_sounds = {"horse": "neigh", "pig": "oink", "dog": "bark", "cow": "moo", "duck": "quack", "cat": "meow"}
sounds = ["meow", "moo", "bark", "pig", "quack", "horse"]
print("***iterate via values")
for value in animals_sounds.values():
    print(value)
print("***iterate via keys")
for key in animals_sounds:
    print(key)
print("***iterate via PAIRS")
for key, value in animals_sounds.items():
    print(key, value)
```

```
***iterate via values
neigh
oink
bark
moo
quack
meow
***iterate via keys
horse
pig
dog
cow
duck
cat
***iterate via PAIRS
horse neigh
pig oink
dog bark
cow moo
duck quack
cat meow
```

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In [3]: animals_sounds = {"horse": "neigh", "pig": "oink", "dog": "bark", "cow": "moo", "duck": "quack", "cat": "meow"}
sounds = ["meow", "moo", "bark", "pig", "quack", "horse"]
for i in sounds:
    for key in animals_sounds:
        if key == i:
            #print(key+' '+i)
            #print(sounds[sounds.index(i)])
            sounds[sounds.index(i)] = animals_sounds[key]
            #print(animals_sounds[key])
print(sounds)
```

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['meow', 'moo', 'bark', 'oink', 'quack', 'neigh']
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