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Lesson: Unit 2 – Python Dictionaries

1. Create a simple dictionary that stores 2 variables, for example: first and last name.

```
name = {"firstname": "Shoonlae", "lastname": "Aung"}
```

2. Print out those variables stored in your previous dictionary.

```
print(name)
```

3. Add a message to those variables on printing: for example: “Hello, firstname lastname!”

```
print("Hello, " + name["firstname"] + " " + name["lastname"] + "!")
```

4. Create a dictionary that holds 2 key: value pairs:

- a. Look through your dictionary and print each pair,

```
person = {"firstname": "Shoonlae", "lastname": "Aung"}  
for key, value in person.items():  
    print(key, value)
```

5. Create a nested dictionary containing three dictionaries – these dictionaries could be anything (favorite pets, travel locations, etc.)

- a. Loop through the dictionaries and print a message for each.

```
friend_ages = {"Aria": "23",  
              "Mason": "25",  
              "Julie": "27"}  
favorite_friends = ["Aria", "Mason"]  
for name in friend_ages.keys():  
    print(name.title())  
    if name in favorite_friends:  
        print("My friend, " + name.title() + ", is " + friend_ages[name] + ".")
```