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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 = {'first_name': 'Rameasa', 'last_name': 'Arna'}
```

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['first_name'] + " " + name['last_name'] + "!")
```

4. Create a dictionary that holds 2 key: value pairs:
  - a. Look through your dictionary and print each pair,

```
people = { "name": "mike",  
           "fav_place": "London"}
```

```
for key, value in people.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.

```
dic = { 'place': {'fav_place1': "florida",  
                 'fav_place2': 'London'},  
        'food' : {'fav_food1': "chinese",  
                 'fav_food2': "thai"},  
        'pet' : {'fav_pet1': 'cat',  
                 'fav_pet2': 'dog'}}
```

```
for key, value in dic.items():  
    for value in value.values():  
        print("My favourite " , key , " are " , value , ".")
```