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Lesson: Unit 2 – Python Dictionaries

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

```
#Lesson 6 Dictionaries

varaiables = {
    'firstName' : 'Vitoria',
    'lastName' : 'Tai'
}
```

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

```
#Lesson 6 Dictionaries

variables = {
    'firstName' : 'Vitoria',
    'lastName' : 'Tai'
}

print(variables)
```
```
{'firstName': 'Vitoria', 'lastName': 'Tai'}
```

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

```
#Lesson 6 Dictionaries

variables = {
    'firstName' : 'Vitoria',
    'lastName' : 'Tai'
}

print(variables)
print("Hello, " + variables['firstName'], variables['lastName'])
```
```
{'firstName': 'Vitoria', 'lastName': 'Tai'}
Hello, Vitoria Tai
```

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

```
dictionary = {
    'morning' : 'sun',
    'night' : 'moon'
}
for key,value in dictionary.items():
  print(key + ':' + value)

morning:sun
night:moon
```

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.