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Lesson: Unit 2 – Python Dictionaries

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

my\_name = {‘first\_name’: ‘Ian’, ‘last\_name’: ‘Guintu’}

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

my\_name = {‘first\_name’: ‘Ian’, ‘last\_name’: ‘Guintu’}

print(my\_name[‘first\_name’])

print(last\_name[‘last\_name’])

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

my\_name = {

‘first\_name’: ‘Ian’,

‘last\_name’: ‘Guintu’

}

Print(“Hello “ + my\_name[‘first\_name’] + “ “ + my\_name[‘last\_name’] + “!”)

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

my\_name = {‘first\_name’: ‘Ian’, ‘last\_name’: ‘Guintu’}

my\_name[‘GPA’] = ‘3.9’

my\_name[‘College Major’] = ‘Finance’

my\_name

1. Create a nested dictionary containing three dictionaries – these dictionaries could be anything (favorite pets, travel locations, etc.)
   1. Loop through the dictionaries and print a message for each.

country\_regions = {

‘Philippines’: ‘Southeast Asia’,

‘Japan’: ‘East Asia’,

‘United States’: ‘North America’

}

fav\_countries = [‘Philippines’, ‘Japan’]

for Country, Region in country\_regions.items():

print(“Country: “ + Country)

print(“Region: “ + Region)

if Country in fav\_countries:

print(Country.title() + “, located in “ + Region.title() + “, is one of my favorite countries of all time!\n

else:

print(“The “ + Country.title() + “, located in “ + Region.title() + “, is my least favorite country of all time!”)