Name: **Amy Huang**

Lesson: Unit 2 – Python Dictionaries

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

Person = {

    'first\_name':'Amy',

    'last\_name':'H'

}

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

Person = {

    'first\_name':'Amy',

    'last\_name':'Huang'

}

print(Person['first\_name'], Person['last\_name'])

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

Person = {

    'first\_name':'Amy',

    'last\_name':'Huang'

}

print("Hello, " + Person['first\_name'], Person['last\_name'] + "!")

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

dict = {}

dict['first\_name'] = 'Amy'

dict['last\_name']='Huang'

print(dict)

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.**

Friends = {

    '1': {'Name':'Emily','Age':'23'},

    '2': {'Name':'Alisha','Age':'20'},

    '3': {'Name':'Thomas', 'Age':'20'}

}

for Friend\_num, Friend\_info in Friends.items():

  print("\nFriend " + Friend\_num)

  for key in Friend\_info:

    print("My friend's " + key + ' is' , Friend\_info[key] + ".")