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Lesson: Unit 2 – Python Dictionaries

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

dictionaryhw = {'Firstname': 'Jane', 'Last name': 'Doe' }

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

dictionaryhw = {'Firstname': 'Jane', 'Last name': 'Doe' }

print(dictionaryhw)

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

dictionaryhw = {'First name': 'Jane', 'Last name': 'Doe' }

print("Hello, " + dictionaryhw['First name'] + ' ' + dictionaryhw['Last name'] + "!")

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

yearsofservice = {

'Jane' : '24',

'Shane' : '9',

}

for x,y in yearsofservice.items():

print(x,y)

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.

placestotravel = {

"desiredplace1" : {

"place": "Dubai",

"year": 2020

},

"desiredplace2" : {

"place": "Iceland",

"year": 2021

},

"desiredplace3" : {

"place": "Maldives",

"year": 2022

}

}

for x in placestotravel.items():

print("I want to travel to the following locations in the corresponding years " + str(x[1]))