Kimberly Domingo
Date: 7/12/2023
Class: IT FDN 110A
Assignment 0

Introduction:
In this document, I will go through my process of finishing Assignment 01 which was to create a Python script that allows users to input first and last name and then display the full name as the output. This script is a simple script that uses two common functions: print() and input().

Writing the Code:
After downloading python, I have decided to use the IDLE tool to write my code. Before I start writing my code, I wanted to break this assignment down the steps to make it easier for me to write the entire script.

Step 1:
I know I want to write an opening statement that tells what the user needed to do, which was to input their first and last name. The print() function is the most ideal function I could do this. The print() function "print out" information you want to the command window. This is information that the user will be able to see.
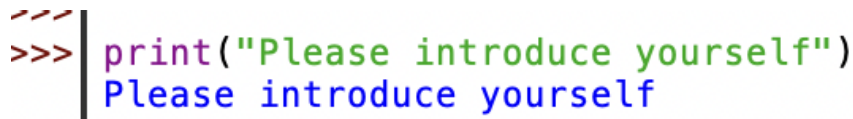
```
>>> print("Please introduce yourself")
    Please introduce yourself
```

Figure 1: Screenshot of my code to print out the opening statement

You can see that my output is underneath my code. I wanted it this way because it is easier for me to check my code line by line to see if the output is what I intended before moving on to the next line of code.

Step 2:
Now that I have my opening statement, I need to use the input() function for users to get the information from the user. In this case, I want users to input their first and last name separately. To do this, I used the input() function. Inside the parentheses, I added a statement to guide the users on what they needed to input.

```
>>> input("Please enter your first name: ")
    Please enter your first name: Kim
```

Figure 2: Screenshot of my input function

From this figure, I was able to create a line of code where I used the input() function to tell users to enter their first name. One thing I remembered with writing statements inside the parentheses

is to leave a space between the colon and end parentheses. If not, there would be no space in between the colon and the input of the user.

Step 3:

The input() functions are all set up and I am able to retrieve data from the user. I need to display their inputs as a full name instead of individual names. To do this, I know that I will be using the print() function again to display the information. However, in order for me to display the information I have retrieved from the user, I need to have a variable assigned to those input functions as I cannot just print an input() statement. I made changes to my current input code, so it is assigned to a variable.

```
>>> first_name = input("Enter your first name: ")
    Enter your first name: Kim
>>> last_name = input("Enter your last name: ")
    Enter your last name: Domingo
```

Figure 3: Assign variable to input function

Now that there are variables associated with the first and last name inputs, I can use it to print out the full name or the data I got from the user.

```
print("Please introduce yourself")
first_name = input("Enter first name: ")
last_name = input("Enter last name: ")
print("My name is ",first_name, last_name)
```

Figure 4: Screenshot of code to display the full name

Notice that only some words are inside the parentheses in the print statement. This is because we are trying to display a variable which is the input data. The strings that are not changing will be inside the quotation marks, while the variables are outside quotation marks. Commas are one way to separate items in the string.

Step 4:

This script technically does what the assignment needed it to do, but watching the videos and reading, this script can still be cleaned up.

```
def enter_name():
    first_name = input("Enter first name: ")
    last_name = input("Enter last name: ")
    print("My name is ",first_name, last_name)

print("Please introduce yourself")
enter_name()
```

Figure 5: Screenshot of a more organized script

I decided to first define my function which is the input function and my output. In order to be part of the enter_name function, the lines of code need to be indented. If the code is not part of the function, it will not be indented. The function is not called yet, so there's no output. I wrote my initial opening statement. Then, I called my enter_name() function.

```python
def enter_name():
    first_name = input("Enter first name: ")
    last_name = input("Enter last name: ")
    print("My name is ",first_name, last_name)

print("Please introduce yourself")
enter_name()
```

```
>>>
======================= RESTART:
Please introduce yourself
Enter first name: Kim
Enter last name: Domingo
My name is  Kim  Domingo
>>>
```

Figure 6: My result

This is my end product when I run my code.

Summary:

I went through the process I did to create a Python script that allows users to input their first and last name which is then displayed as their full name as an output. I used the print() and input() function to create this script. I have defined a function to organize my code better.