**LAB # 10**

tuple and dictionary

# *OBJECTIVE:*

*Getting familiar with other data storing techniques- Turple and Dictionary*

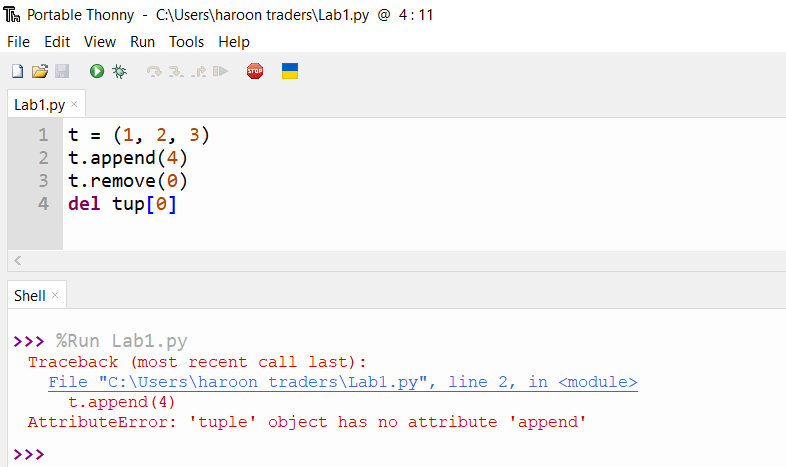
HOME tasks

***EXERCISE***

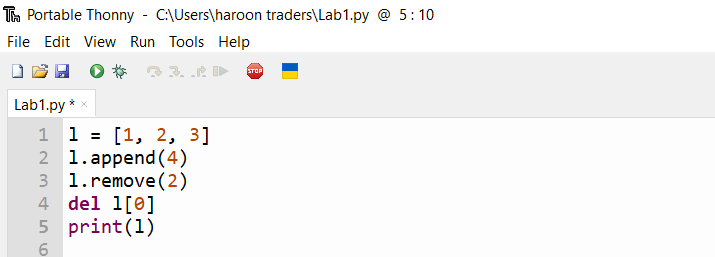
1. ***Point out the errors, if any, and paste the output also in the following Python programs.***

**Code 1**

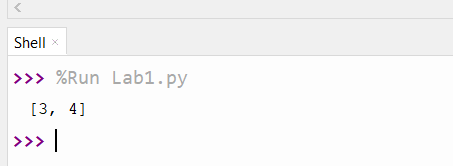
* **Code(incorrect)**



* **Code(correct one):**



* **Output:**

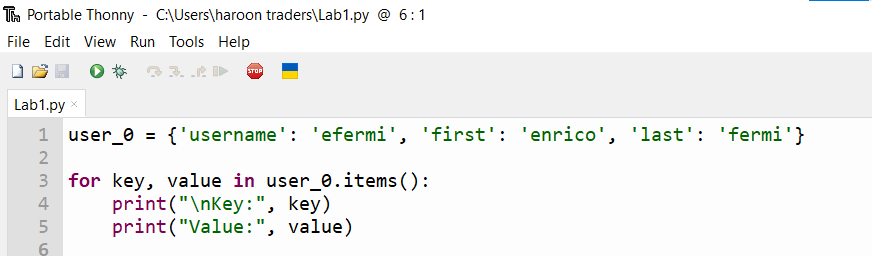


**Code 2**

* **Code(incorrect)**



* **Code(correct one):**



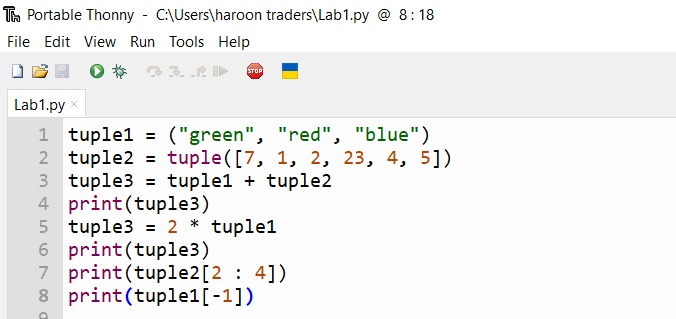
* **Output:**



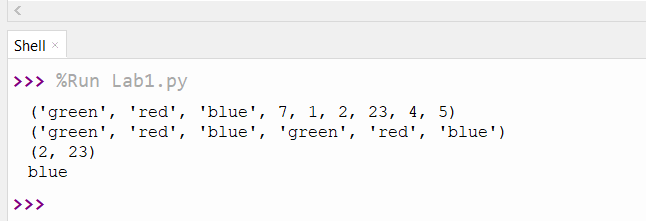
1. ***What would be the output of the following programs***

**Code 1**

* **Code:**

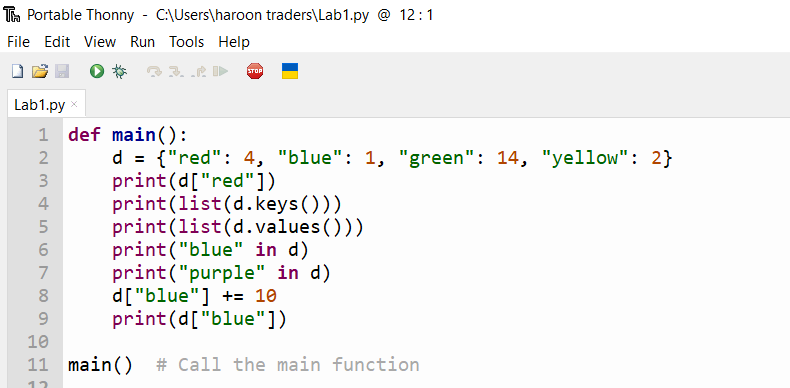


* **Output:**

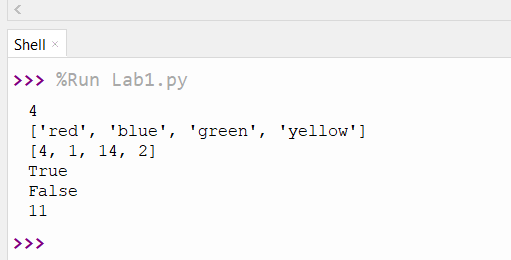


**Code 2**

* **Code:**



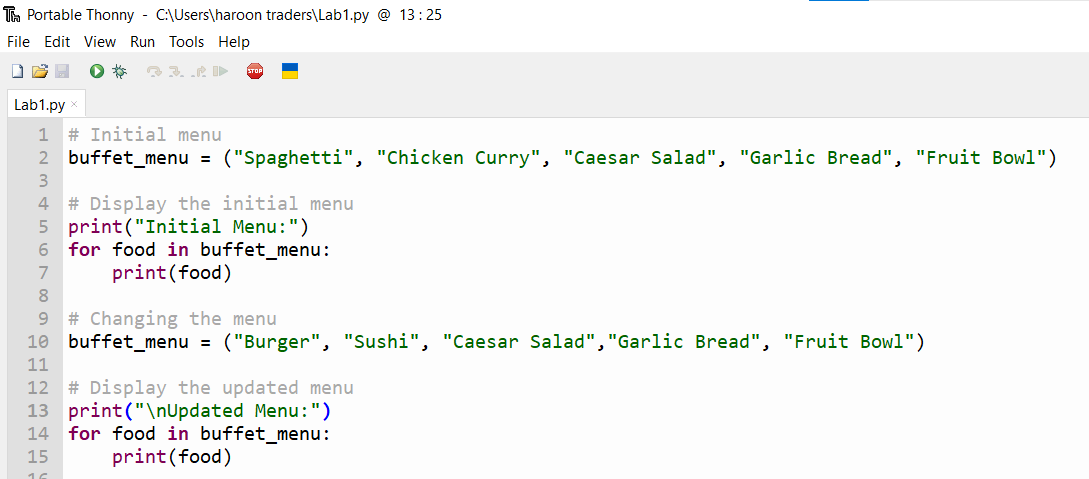
* **Output:**



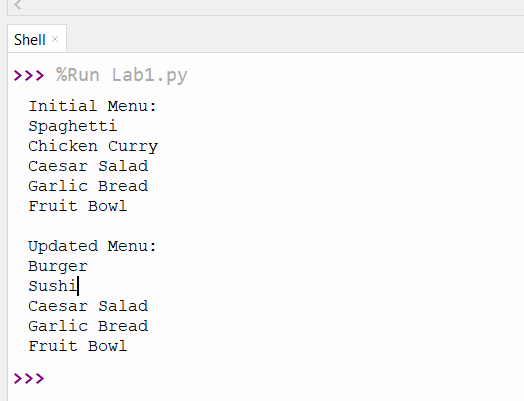
***3. Write Python programs for the following****:*

*Write a program that create a buffet-style restaurant offers only five basic foods. Think of five simple foods, and store them in a tuple. (Hint:Use a for loop to print each food the restaurant offers. Also the restaurant changes its menu, replacing two of the items with different foods and display the menu again*.

* **Code:**

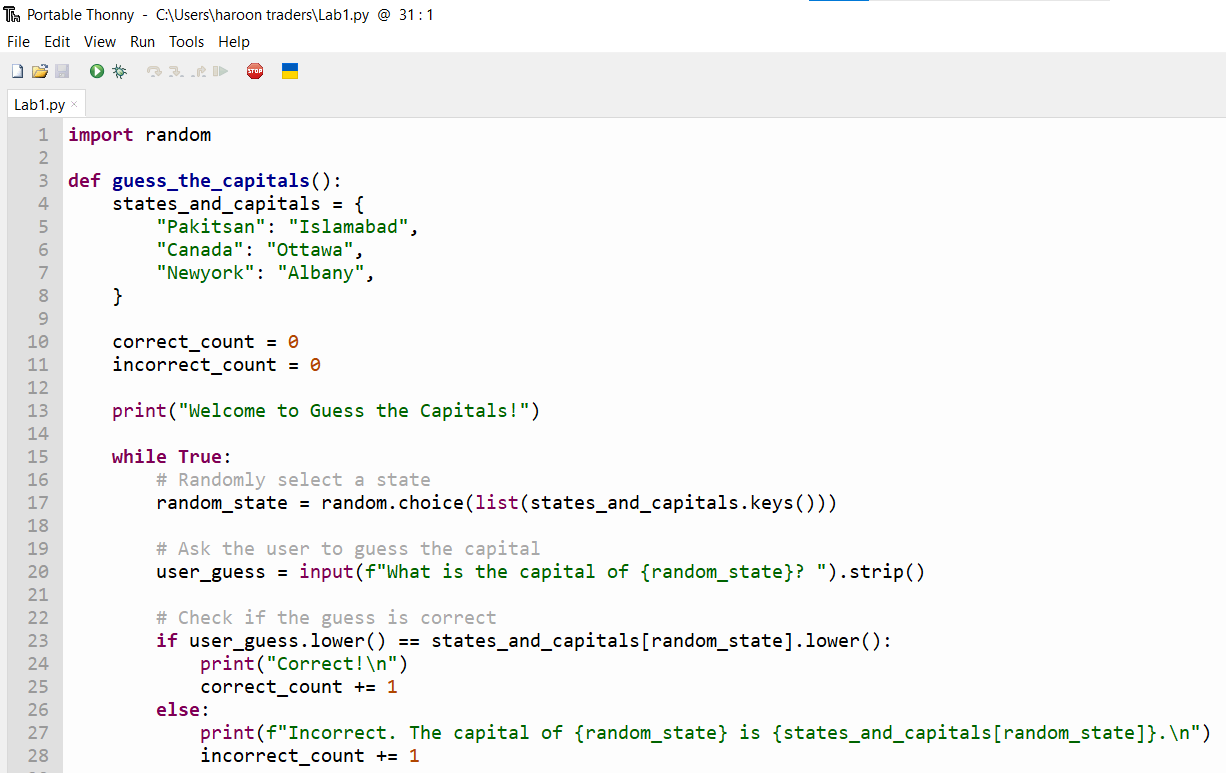


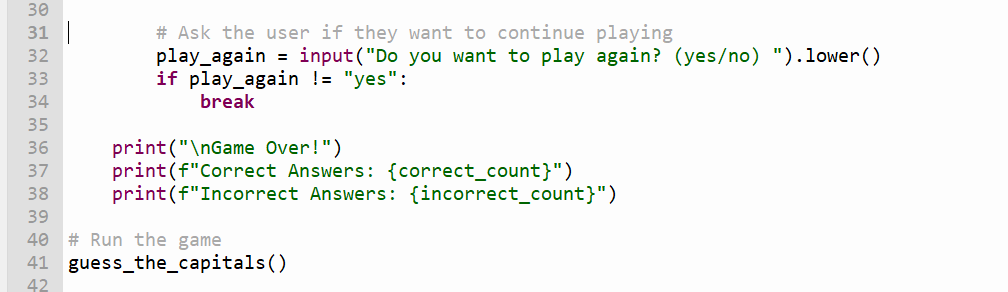
* **Output:**



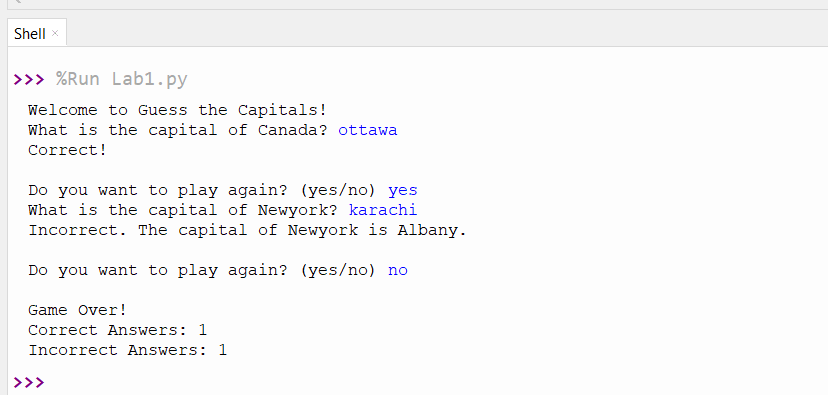
*Write a program for “Guess the capitals” using a dictionary to store the pairs of states and capitals so that the questions are randomly displayed. The program should keep a count of the number of correct and incorrect responses.*

* **Code:**



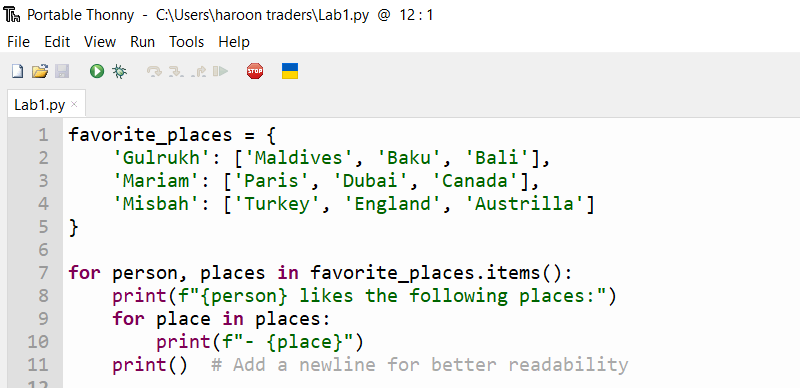


* **Output:**



*Write a pogram that make a dictionary called favorite\_places. Think of three names to use as keys in the dictionary, and store three favorite places for each person through list. Loop through the dictionary, and print each person’s name and their favorite places. Output look alike: abc likes the following places: - Bear Mountain - Death Valley - Tierra Del Fuego*

* **Code:**



* **Output:**

