**Practical 2**

**Aim :**

**Dictionary**

1. Write a Python script to check whether a given key already exists in a dictionary.
2. Write a Python script to merge two Python dictionaries.
3. Write a Python program to sum all the items in a dictionary.
4. Write a Python script to add a key to a dictionary.

Sample Dictionary : {0: 10, 1: 20}

Expected Result : {0: 10, 1: 20, 2: 30}

1. Write a Python script to concatenate the following dictionaries to create a new one.

Sample Dictionary :

dic1={1:10, 2:20}

dic2={3:30, 4:40}

dic3={5:50,6:60}

Expected Result : {1: 10, 2: 20, 3: 30, 4: 40, 5: 50, 6: 60}

**Tuple**

1. Write a Python program to create a tuple with different data types.
2. Write a Python program to create a tuple with numbers and print one item.
3. Write a Python program to add an item in a tuple.
4. Write a Python program to convert a tuple to a string.
5. Write a Python program to find the length of a tuple.

**Set**

1. Write a Python program to add member(s) in a set and clear a set
2. Write a Python program to remove an item from a set if it is present in the set.
3. Write a Python program to create an intersection, Union, difference of sets.
4. Write a Python program to find maximum and the minimum value in a set.

**Write a Python program to find the most common elements and their counts from list, tuple, dictionary.**

**Pract :**

<https://github.com/rajbeladiya4/PIP-Practical.git>