**Dictionary Assignment**

1. What is dictionary in Python? Explain with an example
2. Write a Python program to sum all the items in a list.
3. Write a Python program to create a list of empty dictionaries.
4. Write a Python program to access dictionary keys element by index.
5. Write a Python program to iterate over dictionaries using for loops
6. Write a Python program to sum all the items in a dictionary.
7. Write a Python script to concatenate following dictionaries to create a new one.

Sample Dictionary:

a. dic1 = {1:10, 2:20}

b. dic2 = {3:30, 4:40}

c. dic3 = {5:50, 6:60}

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