**ASSIGNMENT-3**

**Data Types II**

Let’s play with tuples ,sets and dictionaries.

1. **Tuples**

1) Write a program to create a tuple with different data types and do the following operations.

* Find the length of tuples

2) Find largest and smallest elements of a tuples.

3)Write a program to find the product of all elements of a tuple.

**B) Sets**

1. Create two set using user defined values.

* Calculate difference between two sets.
* Compare two sets.
* Print the result of intersection of two sets.

**C) Dictionaries**

1. Create a dictionary to store name and marks of 5 students.
2. Sort the dictionary created in previous question according to marks.
3. Count the number of occurrence of each letter in word "MISSISSIPPI". Store count of every letter with the letter in a dictionary.