Assignment on (TUPLES,SET,DICTIONARY)

1) Write a Python program to find the repeated items of a tuple.

2) Wap to slice tuples a)from 10th to 2nd position with step 4

b)jump on every 3rd item from start to end

3)WAP to add,delete and update an item in a tuple

4) Write a Python program calculate the product, multiplying all the numbers of a given tuple.

5) WAP to add, delete and update an item in a set

6) WAP to perform union, intersection, symmetric difference an item in a set

7) WAP to check whether a given key already exists in a dictionary.

8) WAP to generate and print a dictionary that contains a number (between 1 and n) in the form (x, x\*x).

I/P:5:  
Expected Output : {1: 1, 2: 4, 3: 9, 4: 16, 5: 25}

9) Write a Python program to sum ,multiply all the items in a dictionary

10)Create Student database using nested dictionary and remove duplicate entries of students