Python Assignment -3

1. Given a dictionary of students and their favourite colours:
   people={'Arham':'Blue','Lisa':'Yellow',''Vinod:'Purpl e','Jenny':'Pink'}
   1. Find out how many students are in the list
   2. Change Lisa's favourite colour
   3. Remove 'Jenny' and her favourite colour
   4. Sort and print students and their favourite colours alphabetically by name

2. Write a python program Convert two lists into a dictionary

3. Write a python program to check if a value exists in a dictionary.

4. Write a python program to reverse a tuple.

5. Write a python program to unpack the tuple to desired values.

6. Write a python program to count the number of occurrences of a specific element in tuple.

7. Write a Python program to sort a tuple by its float element. Sample data: (('item1', '12.20'), ('item2', '15.10'), ('item3', '24.5')) Expected Output: (('item3', '24.5'), ('item2', '15.10'), ('item1', '12.20'))

8. Write a python program to demonstrate the different string formatting methods available in python.

9. Write a python program to add a new list inside an existing list. (Use nested list)