**Practical 3: List and Tuples.**

1. Count occurrences of vowels in a list

list = ['s','h','r','i','r','a','m','d','e','o','b','a','b','a','c','o','l','l','e','g','e']

1. Python program to find N largest and smallest element from given list of integers
2. Python program to find the repeated items of a tuple. Print item and how many times it repeated.
3. Given a list, slice it into two equal sized chunks. Your chunk size should be the maximum size possible and reverse each chunk and print the list.
4. A List rotation consists of taking the first element and moving it to the end. Write a python function rotate\_list(L,k) that take a list L and a positive integer k and return the list L after k rotations. If K is not positive, your function should return L unchanged. Note that your function should return the rotated list.

Ip: L=[1,2,3,4,5]

After 1st rotation: list become [2,3,4,5,1]

After 2nd rotation list becomes [3,4,5,1,2]……. So on.

Print output after each rotation. Take the value of K from user.

1. Implement the binary search. Take input the list of characters.