**Exercise No : 2**

**Date : 13/10/2020**

**Aim** :

Given a list in Python and a number x, count number of occurrences of x in the given list . Write a Python function **countX(lst, x)** to count the number x in a given list of numbers.

**Program** :

num = int(input())

lst = []

def countX(lst,x):

count = 0

for i in lst:

if(i==x):

count = count + 1

print(count)

for j in range(0,num):

elem = int(input())

lst.append(elem)

x = int(input())

countX(lst,x)

**Link :**

[**http://103.53.53.18/mod/vpl/forms/edit.php?id=230&userid=1779**](%20%20%20%20%20http:/103.53.53.18/mod/vpl/forms/edit.php?id=230&userid=1779)

**Output :**

5

1

2

2

3

4

2

2

**Result :**

Thus , total number of count for the given number X from the list of numbers is obtained