**Exercise No: 2**

**Date: 15/10/2020**

**Aim** :

A list in Python and a number x, count number of occurrences of x is given in the list. To write a Python function **countX(lst, x)** to count the number x in given list of numbers.

**Program**:

def countX(lst,x):

count=0

for i in range(0,len(lst)):

if(x==lst[i]):

count=count+1

return count

lst1=[]

n=int(input())

for i in range(0,n):

inp=int(input())

lst1.append(inp)

x1=int(input())

y=countX(lst1,x1)

print(y)

**Link:**

[**http://103.53.53.18/mod/vpl/forms/submissionview.php?id=230&userid=1701**](http://103.53.53.18/mod/vpl/forms/submissionview.php?id=230&userid=1701)

**Output:**

5

1

2

2

3

4

2

2

**Result:**

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