**Exercise No: 2**

**Date: 10-10-2020**

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**AIM:** Given a list in Python and a number x, count number of occurrences of x in the given list.

**PROGRAM:**

def countX(lst, x):

count = 0

for element in lst:

if element == x:

count += 1

print(count)

lst = []

num = int(input())

for i in range(1, num+1):

element = int(input())

lst.append(element)

x = int(input())

countX(lst, x)

**LINK:**

<http://103.53.53.18/mod/vpl/forms/edit.php?id=230&userid=1802>#

**OUTPUT:**

5

10

15

20

15

30

15

2

**RESULT:** Thus, the program to count number of occurrences of x in the given list is executed.