**Exercise No: 2**

**Date: 10.10.2020**

**Aim:** To count number of occurrences of x in the given list with a Python function **countX(lst, x).**

**Program:**

def countX(lst,x):

count = 0

for item in lst:

if ( item == x):

count = count + 1

print(count)

lst =[]

n = int(input())

for i in range(n):

item = int(input())

lst.append(item)

x = int(input())

countX(lst,x)

**Link:** [http://103.53.53.18/mod/vpl/forms/edit.php?id=230&userid=1749#](http://103.53.53.18/mod/vpl/forms/edit.php?id=230&userid=1749)

**Output:**

6

20

10

30

50

50

80

50

2

**Result:** The above program for counting the number of occurrences of x in the given list has been successfully verified .