**Exercise No: 2**

**Date: 11.10.2020**

**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=1650#**](http://103.53.53.18/mod/vpl/forms/edit.php?id=230&userid=1650#)

**Output:**

**4**

**5**

**6**

**5**

**7**

**6**

**1**

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