

Exercise No:2

Date:12/10/2020

Aim:

To write a Python program to count the number of x in the given list of number.

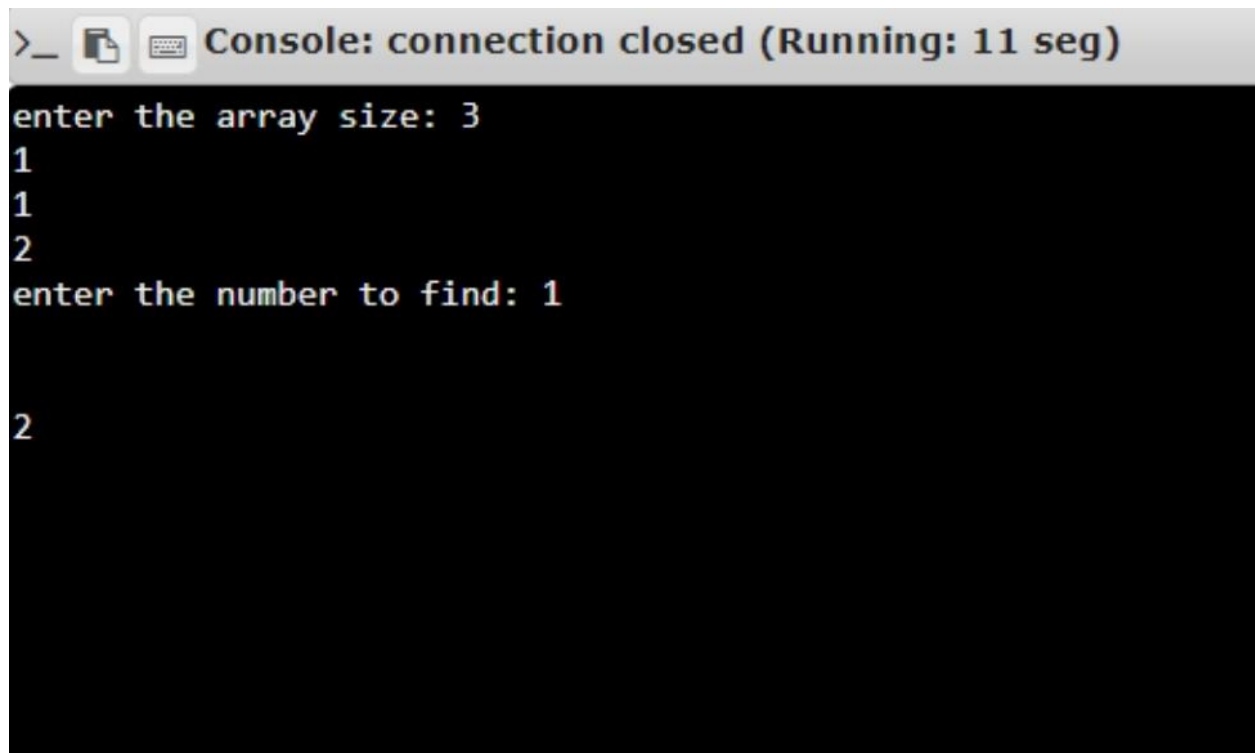
PROGRAM:

```
def countX(lst,x):  
    c=0  
    for i in range(len(lst)):  
        if(x==lst[i]):  
            c=c+1  
    return c  
  
lst=[]  
n=int(input())  
for _ in range(n):  
    lst.append(int(input()))  
  
x=int(input())  
occ=countX(lst,x)  
print(occ)
```

LINK:

<http://103.53.53.18/mod/vpl/forms/edit.php?id=229&usedid=1712>

OUTPUT:

A screenshot of a console window with a grey title bar that reads ">_ Console: connection closed (Running: 11 seg)". The console area is black with white text. The text shows the program's execution: it prompts for the array size, which is entered as 3; then it prompts for the number to find, which is entered as 1. The program then outputs the count of the number 1 in the array, which is 2.

```
>_ Console: connection closed (Running: 11 seg)
enter the array size: 3
1
1
2
enter the number to find: 1

2
```

RESULT:

The program to count the number of x in the given list of number is executed and output is verified.