

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.

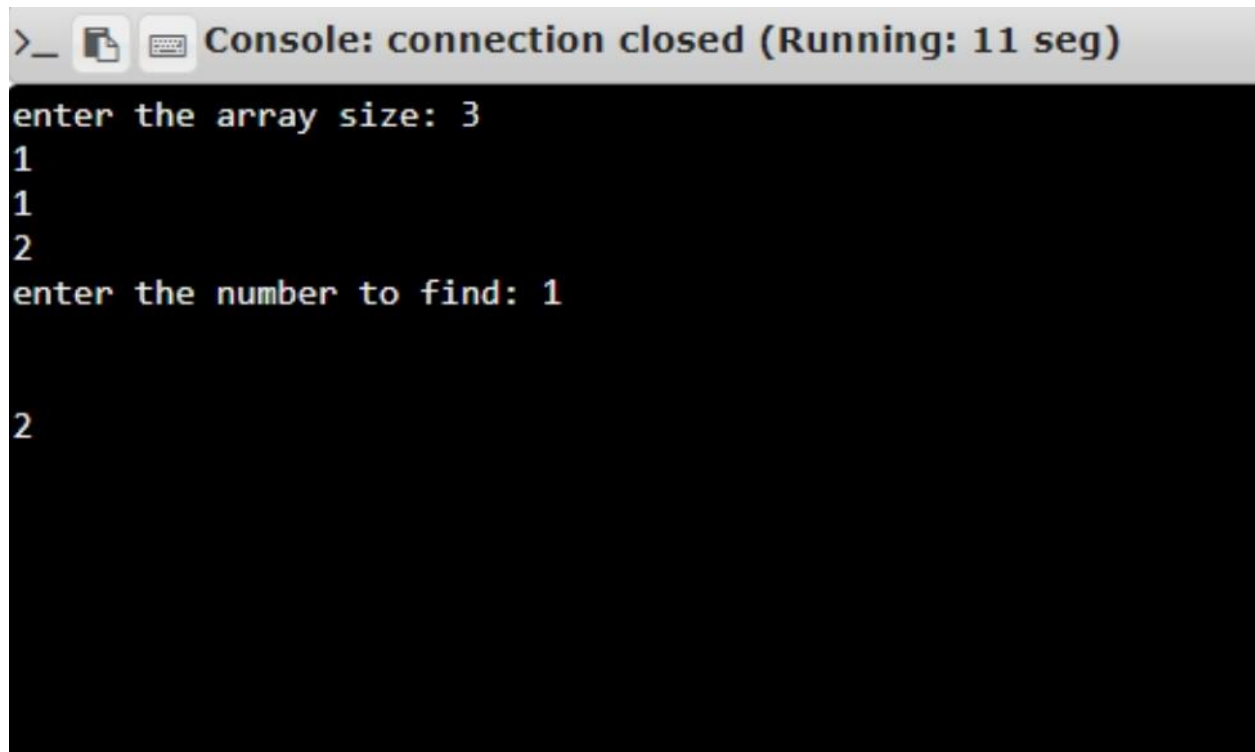
PROGRAM:

```
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=230&userid=1690#>

OUTPUT:

A screenshot of a terminal window with a grey title bar. The title bar contains a prompt icon, a file icon, a keyboard icon, and the text "Console: connection closed (Running: 11 seg)". The terminal area is black with white text. The text shows the program's execution: "enter the array size: 3", followed by three lines of input "1", "1", and "2". Then it says "enter the number to find: 1", followed by a blank line and then the input "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.