



CHALLENGE INFORMATION

✔ You have already solved this challenge ! Though you can run the code with different logic !



Course	JAVA	Session	Arrays	Question Information	Level 1 Challenge 37
Problem	<p>Question description</p> <p>Lucas and his friend were scratching the lottery cards and checking whether the numbers on the screen would match</p> <p>Eventually Lucas and his friend got bored so his friend gave Lucas a challenge. They considered the random numbers of lottery cards as an array of n positive integers and an integer X and task is to find the frequency of X in the array</p> <p>Can you help Lucas complete the task?</p> <p>Constraints:</p> <p>$1 \leq N \leq 1000$</p> <p>$1 \leq A[i] \leq 10^5$</p> <p>$1 \leq X \leq 1000$</p> <p>Input Format:</p> <p>The first line contains n, the number of integers</p> <p>The second line containing N integers like A1,A2,A3,.....An</p> <p>The third line contains the number X</p>				

Output Format:

The frequency or the number of times the number X has occurred in the array A1,A2,A2....An.

Test Cases

✓ Logical Test Cases

Test Case 1

INPUT (STDIN)

```
8
7 2 5 7 7 8 7 9
7
```

EXPECTED OUTPUT

4

Test Case 2

INPUT (STDIN)

```
6
1 2 4 2 3 2
2
```

EXPECTED OUTPUT

3

✓ Mandatory Test Cases

Test Case 1

KEYWORD

```
int n,count=0;
```

Test Case 2

KEYWORD

```
int []arr=new int[n];
```

✓ Complexity Test Cases

Test Case 1

Test Case 2

Test Case 3

CYCLOMATIC COMPLEXITY

5

TOKEN COUNT

170

NLOC

28

Code
Editor

✓ You have already solved this challenge ! Though you can run the code with different logic !



Code Editor

JAVA SE 1.8

Light Theme

```
1 import java.io.*;
2 import java.util.Scanner;
3 public class Class332241010280 {
4     public static void main(String[] args) {
5         Scanner sc =new Scanner(System.in);
6         int n,count=0;
7         n =sc.nextInt();
8         int []arr=new int[n];
9         for(int i=0;i<n;i++){
10             arr[i]=sc.nextInt();
11         }
12         int x=sc.nextInt();
13         for(int i=0;i<n;i++) {
14             if(arr[i]==x){
15                 count++;
16             }
17         }
18         System.out.println(count);
19     }
20 }
21
22 }
```

Custom Input (stdin)

T1

T2

8

7 2 5 7 7 8 7 9

Output

MATCH T1

MATCH T2

4

Complexity Analysis

Test Case Status