Frequency of an Element in an Array!!

Problem Statement

Sophia is analyzing a dataset stored in an array and wants to determine how many times a particular value appears in it.

Your task is to help Sophia write a program that reads **N integers** into an array and counts the **frequency of a given element (key)** entered by the user.

The program should output the **number of times** the key appears in the array.

Input Format

- The first line contains an integer N, representing the number of elements in the array.

- The second line contains N space-separated integers, representing the array elements.

- The third line contains an integer key, representing the element whose frequency needs to be counted.

Constraints

- $1 <= N <= 100$

- $-10^5 <=$ Array Element $<= 10^5$

- $-10^5 <=$ Key $<= 10^5$

Output Format

- Print the frequency (count) of the given key in the array.

Sample Input 0

```
6
2 4 2 6 2 8
2
```

Sample Output 0

```
3
```