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 34

Problem

Question description

Adrian likes going to his class. There are N students in his class, where the *i-th* student has a score of Ai.

The *i-th* student will *boast* if and only if the number of students scoring less than or equal Ai is greater than the number of students scoring greater than Ai.

Find the number of students who will boast.

Constraints:

1≤N≤100

0≤Ai≤100

Input Format:

- The first line of each test case contains a single integer N - the number of students.
- The second line of each test case contains N integers A1,A2,…,AN - the scores of the students.

Output Format:

output in a single line the number of students who will boast.

Test Cases

Logical Test Cases

Test Case 1

INPUT (STDIN)

```
4
70 70 90 40
```

EXPECTED OUTPUT

```
3
```

Test Case 2

INPUT (STDIN)

```
4
40 20 60 20
```

EXPECTED OUTPUT

```
2
```

Mandatory Test Cases

Test Case 1

KEYWORD

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

Test Case 2

KEYWORD

```
for(int i=0;i<N;i++)
```

Complexity Test Cases

Test Case 1

CYCLOMATIC COMPLEXITY

```
7
```

Test Case 2

TOKEN COUNT

```
200
```

Test Case 3

NLOC

```
40
```

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

```java
import java.util.Scanner;
public class Class332241010280 {
    public static void main(String[] args) {
        Scanner scanner = new Scanner(System.in);
        int N = scanner.nextInt();
        int[] arr=new int[N];
        for(int i=0;i<N;i++) {
            arr[i] = scanner.nextInt();
        }
        int boastCount = 0;
        for (int i = 0; i < N; i++) {
            int lessThan = 0;
            int greaterThan = 0;
            for (int j = 0; j < N; j++) {
                if (arr[j] <= arr[i]) {
                    lessThan++;
                } else if (arr[j] > arr[i]) {
                    greaterThan++;
                }
            }
            if (lessThan > greaterThan) {
                boastCount++;
            }
        }
        System.out.println(boastCount);
    }
}
```

SAVE | RESET | RUN | EVALUATE

Custom Input (stdin) | T1 | T2

Type Here

Output | MATCH T1 | MATCH T2

Empty

Complexity Analysis

Test Case Status