https://course.acciojob.com/idle?question=2d6b2c31-142c-453d-b27c-39ee7f6a193e

- MEDIUM
- Max Score: 30 Points
-

FACING THE SUN

Given an array `h` representing heights of buildings. You have to count the buildings which will see the sunrise (Assume : Sun rise on the side of array starting point).

Input Format

line 1: contains an integer `n` denoting size of array.

line 2: contains `n` spaced integers denoting elements of array.

Output Format

Print a single integer denoting the number of buildings which will see the sunrise.

Example 1

Input

```
5
7 4 8 2 9
```

Output

```
3
```

Explanation

7 can watch the sunrise, 4 can't, then 8 can but 2 can't and lastly 9 can watch the sunrise too, hence 3 buildings can watch the sunrise.

Example 2

Input

```
6
6 2 8 4 11 13
```

Output

```
4
```

Explanation

Only buildings of height 6, 8, 11 and 13 can see the sun,hence output is 4.

Example 3

Input

```
4
1 1 1 1
```

Output

```
1
```

Explanation

Only 1st building will be able to see.

Constraints

1<=n<=10^6

1<=h[i]<=10^9

Topic Tags

- **Arrays**

My code

```
// n java
import java.util.*;
import java.lang.*;
import java.io.*;

public class Main
{
	public static void main (String[] args) throws
java.lang.Exception
	{
		//your code
      Scanner s=new Scanner(System.in);
      int n=s.nextInt();
      int arr[]=new int[n];
      int max=arr[0];
      int c=0;
      for(int i=0;i<n;i++)
       {
         arr[i]=s.nextInt();
         if(arr[i]>max)
         {max=arr[i]; c+=1;    }}
      System.out.print(c);
       }
}
```