

<https://course.acciojob.com/idle?question=1d2f8f11-374f-41e2-970a-f8f97fa33123>

• EASY

• Max Score: 20 Points

## Check if array is Increasing

Given an array `arr` with `n` positive integers check whether it is strictly increasing or not.

### Input Format

The first line contains the number of test cases.

The second line of input contains the integer `n`.

The last line contains `n` spaced integers.

### Output Format

Print "YES" without quotes if the array is strictly increasing, else print "NO".

### Example 1

Input

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

Output

NO

Explanation

'1', which occurs after '4' is less than '4'. Thus, the array is not strictly increasing.

## Example 2

Input

```
1
6
1 2 3 4 5 6
```

Output

YES

Explanation

All the elements of the array are in increasing order.

## Constraints

$1 \leq t \leq 10$

$1 \leq n \leq 10000$

$0 \leq \text{arr}[i] \leq 100000$

### Topic Tags

- Arrays

# My code

// in 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 here
        Scanner s=new Scanner(System.in);
        int t=s.nextInt();
        for(int l=0;l<t;l++)
        {
            int n=s.nextInt();
            int arr[]=new int[n];
            for(int i=0;i<n;i++)
                arr[i]=s.nextInt();
            int f=0;
            for(int i=1;i<n-1;i++)
            {
                if(arr[i]>=arr[i+1])
                    {
                        System.out.println("NO");

                        f=1;
                        break;
                    }
            }
            if(f==0)
                System.out.println("YES");
        }
    }
}

```