

# Sorted

Problem

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## Problem Statement

You will given an array **A** of size **N**. You need to tell if the array is already sorted or not. If the array is sorted in **ascending** order print "YES", otherwise print "NO".

## Input Format

- First line will contain **T**, the number of test cases.
- The first line of each test case will contain **N**.
- The second line of each test case will contain the array **A**.

## Constraints

1.  $1 \leq T \leq 1000$
2.  $1 \leq N \leq 1000$
3.  $0 \leq A[i] \leq 1000$ ; Where  $0 \leq i < N$

## Output Format

- Output "YES" or "NO" without the quotation marks according to the problem statement.

## Sample Input 0

```
3
5
2 4 6 7 10
8
1 100 101 120 120 121 1000 1000
4
100 1 102 12
```

## Sample Output 0

```
YES
YES
NO
```



Submissions: 387

Max Score: 20

Difficulty: Easy

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