**Check if an array is sorted**

[array](http://www.practice.geeksforgeeks.org/tag-page.php?tag=array&isCmp=0)[sorting](http://www.practice.geeksforgeeks.org/tag-page.php?tag=sorting&isCmp=0)

Given an array, write a program that prints 1 if array is sorted in non-decreasing order, else prints 0.

**Input:**

The first line of input contains an integer T denoting the number of test cases.  
The first line of each test case is N,N is the size of array.  
The second line of each test case contains N input C[i].  
  
**Output:**

Print 1 if array is sorted, else print 0.  
  
**Constraints:**

1 ≤ T ≤ 100  
1 ≤ N ≤ 500  
1 ≤ C[i] ≤ 1200  
  
**Example:**

Input  
2  
5  
10 20 30 40 50  
6  
90 80 100 70 40 30

Output  
1  
0

\*\*For More Examples Use Expected Output\*\*

<http://www.practice.geeksforgeeks.org/problem-page.php?pid=609>

#include <iostream>

#include <stdio.h>

using namespace std;

int main() {

int t;

scanf("%d", &t);

while(t--) {

int n;

scanf("%d", &n);

int arr[n];

for(int i =0; i<n; i++) {

scanf("%d", &arr[i]);

}

int res = 1;

for(int i=1; i<n; i++) {

if(arr[i-1]>arr[i]) {

res=0;

break;

}

}

cout << res << endl;

}

return 0;

}