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# BIGGEST NUMBER

Problem

Submissions

Leaderboard

Discussions

Given an array of numbers. Display the next biggest number for each number in the array. If the number in the array is the biggest number then print space(" ") as the next biggest number.

- NOTE: If the number in the array is repeated then the next biggest number is the same number.

For Example:

Input: 6 4 8 1 2

output: 6->8, 4->6, 8-> , 1->2, 2->4

Input Format

N, Array -> Integer.

Constraints

$1 \leq N \leq 1000$

$-10000 \leq \text{Array}[i] \leq 10000$

Output Format

Print the desired output

Sample Input 0

```
5
6 4 8 1 2
```

Sample Output 0

```
6->8, 4->6, 8-> , 1->2, 2->4
```

Sample Input 1

```
6
9 11 -2 9 -6 7
```

Sample Output 1

```
9->9, 11-> , -2->7, 9->9, -6->-2, 7->9
```

[f](#) [t](#) [in](#)

Submissions: 11

Max Score: 100

Difficulty: Medium

Rate This Challenge:

Java 15



```
1 import java.io.*;
2 import java.util.*;
3
4 public class Solution {
5
6     public static void main(String[] args) {
7         Scanner sc = new Scanner(System.in);
8         int n = sc.nextInt();
9         int[] array = new int[n];
10        for(int i = 0; i < n; i++){
11            array[i] = sc.nextInt();
12        }
13        getOutput(array, n);
14    }
15
16    public static void getOutput(int[] array, int n){
17        for(int i = 0; i < n; i++){
18            int num = 100000;
19            for(int j = 0; j < n; j++){
20                if((array[j] >= array[i]) && (num > array[j]) && (i != j)){
21                    num = array[j];
22                }
23            }
24            if(num != 100000)
25                System.out.print(array[i] + "->" + num);
26            else
27                System.out.print(array[i] + "-> ");
28            if(i != n - 1){
29                System.out.print(",");
30            }
31        }
32    }
33 }
```

Line: 1 Col: 1

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