

Java Arrays

Iterating over arrays

Check if an array is sorted ascending

Write a program that reads an array of int's and checks if the array is sorted ascending (from smallest to largest number).

Input data format The first line contains the size of an array. The second line contains elements of the array separated by spaces.

Output data format Only a single value: true or false.

Sample Input 1:

```
In [ ]: 4  
        1 2 3 4
```

Sample Output 1:

```
In [ ]: true
```

Sample Input 2:

```
In [ ]: 4  
        1 2 3 0
```

Sample Output 2:

```
In [ ]: false
```

Source: [JetBrains Academy](#)