# Java Arrays

## Iterating over arrays

### The index of the first max in an array

Write a program that reads an array of ints and finds the index of the first maximum in that array.

**Input data format**

- The first line contains the number of elements in the array.
- The second line contains the array elements separated by spaces.
- An array always has at least one element.

**Output data format**

Only a single integer value: the index of the first maximum.

**Sample Input 1:**

```
In [ ]:  5
         2 5 3 4 5
```

**Sample Output 1:**

```
In [ ]:  1
```

**Sample Input 2:**

```
In [ ]:  6
         1000 10 1000 10 10 1001
```

**Sample Output 2:**

```
In [ ]:  5
```

*Source: JetBrains Academy*