

<https://course.acciojob.com/idle?question=b9050172-7e1b-4a2e-b156-5bc740ffa1e6>

- EASY
- Max Score: 30 Points

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## Leaders in Array

Given an array `arr` of positive integers. Your task is to find the leaders in the array. An element of array is leader if it is greater than or equal to all the elements to its right side. The rightmost element is always a leader.

Your task is to complete the function `leaders` which receives the input array and `n` as the parameters and returns the array of leaders.

### Input Format

Line 1: Contains an integer `n` denoting size of array.

Line 2: Contains `n` spaced integers denoting elements of array.

### Output Format

Print an array of leader elements of given array.

### Example 1

Input:

```
6
16 17 4 3 5 2
```

Output:

```
17 5 2
```

Explanation

17, 5 and 2 are greater than or equal to elements to their right.

## Example 2

Input:

```
6
17 18 5 4 6 1
```

Output:

```
18 6 1
```

Explanation

18, 6 and 1 are greater than or equal to elements to their right.

## Constraints

$1 \leq n \leq 10^6$

$0 \leq \text{arr}[i] \leq 10^6$

### Topic Tags

- **Arrays**

# My code

```
// n java
import java.util.*;
import java.lang.*;
import java.io.*;
```

```
public class Main
```

```

{
    public static void main (String[] args) throws
java.lang.Exception
    {
        //your code here
        Scanner s=new Scanner(System.in);
        int n=s.nextInt();
        int arr[]=new int[n];
        int arrb[]=new int[n];
        int p=0,max=-1;
        for(int i=0;i<n;i++)
            arr[i]=s.nextInt();
        for(int i=n;i>0;i--)
        {

            if(arr[i-1]>=max)
            { max=arr[i-1];arrb[p++]=max;

            }
        }
        for(int i=p;i>0;i--)
        System.out.print(arrb[i-1]+" ");

    }
}

```