## https://course.acciojob.com/idle?question=8b43d38c-db76-46f1-a2b9 -60ec18dab539

- MEDIUM
- Max Score: 50 Points

### K largest elements

Given an array of N positive integers, print K largest elements from the array.

#### Input

- The first line contains an integer N and integer K.
- The second line contains N spaced integers, the elements of the array.

#### **Constraints**

- 1 ≤ N ≤ 10<sup>4</sup>
- K <= N</li>
- 1 ≤ arr[i] ≤ 10<sup>6</sup>

#### Output

Print the K largest elements in descending order.

**Expected Time Complexity: O(N\*logK)** 

**Expected Auxiliary Space: O(K)** 

#### **Example**

Sample Input

5 2 12 5 787 1 23

Sample Output

787 23

```
Explanation
```

```
First largest element in the array is 787 and the second largest is 23.

Sample Input

7 3
1 23 12 9 30 2 50

Sample Output

50 30 23

Explanation

Three Largest element in the array are 50, 30 and 23.
```

#### **Topic Tags**

Heaps

# My code

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

public class Main {
    public static void main(String args[]) {
        //your code here
```