

<https://course.acciojob.com/idle?question=62b9eb00-23cc-41f7-ba18-fc7e8f477646>

● EASY

● Max Score: 30 Points

## Print Repeated Elements in Sorted Order

You are given an array  $A$  of size  $N$ . The array contains almost distinct elements with some duplicated. You have to print the elements in sorted order which appears more than once. If no such element exist print -1.

### Input Format

The first line of input contains size of array  $N$ .

The second line contains  $N$  integers separated by spaces denoting elements of array.

### Output Format

Print elements which occurs more than once in array in sorted order. If no such element exist print -1

### Example 1

Input

```
9
3 4 5 7 8 1 2 1 3
```

Output

```
1 3
```

Explanation

1 and 3 both occur 2 times in this array .

## Example 2

Input

```
5
1 2 3 4 5
```

Output

```
-1
```

Explanation

No element is repeated here

## Constraints

$1 \leq N < 10^5$

$0 \leq A[i] \leq 10^5$

### Topic Tags

- **Arrays**

# My code

// in 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];
    for(int i=0;i<n;i++)
        arr[i]=s.nextInt();

    Arrays.sort(arr);
    int c=-1;
    for(int i=0;i<n-1;i++){
        if(arr[i]==arr[i+1])
        {
            System.out.print(arr[i]+" ");
            int j=i+1;c++;
            while(j<(n-1) && arr[j]==arr[j+1])
            {
                // System.out.print(arr[j]+" ");
                // System.out.print(i+" ");
                i=i+1;
                j++;
            }
            // System.out.print(i+" ");
        }
        // System.out.print(i+" ");
    }
    if(c== -1) System.out.print(c);

}
}

```