浙大23秋JAD W5容器作业　　**题目列表**　　提交列表　　排名

题目描述

6-1 Duplicated Numbers　分数 10

全屏浏览题目　　　　　　　　　　　　　　　　　　　　　　　作者 翁恺　单位 浙江大学

This program reads a lot of integers, in which may be duplicated numbers. The program picks out all the duplicated ones and sorts the remainders in a descendent order.

函数接口定义:

```
public static ArrayList<Integer> pick(ArrayList<Integer> a);
```

`a` is the `ArrayList` to be parsed and returns the result as an `ArrayList`.

Hint:

These classes and functions may be used.

```
Collection Collections.sort(Collection);
Collection Collections.reverse(Collection)
```

裁判测试程序样例:

```java
import java.util.ArrayList;
import java.util.Collections;
import java.util.HashSet;
import java.util.Scanner;

public class Main {
    /* 请在这里填写答案 */

    public static void main(String[] args) {
        ArrayList<Integer> lst = new ArrayList<>();
        Scanner in = new Scanner(System.in);
        while ( in.hasNextInt() ) {
            lst.add(in.nextInt());
        }
        lst = pick(lst);
        for ( int x:lst) {
            System.out.print(x+" ");
        }
        System.out.println();
        in.close();
    }
}
```

输入样例:

```
1 1 2 3 4 5 9 3
```

输出样例:

```
9 5 4 3 2 1
```

代码长度限制	16 KB
时间限制	400 ms

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