```java
package arrays;

public class move_all_0 {

    public static void main(String[] args) {
        int a[]= {0,1,0,3,12};

        System.out.println("Input:");
        System.out.print("{");
        for(int i=0;i<a.length;i++) {
        System.out.print(a[i]+",");
        }
        System.out.println("}");

        System.out.println("output:");
        System.out.print("{");

    for(int i=0;i<a.length;i++) {
            if(a[i]!=0) {
                //b=a[i];
                System.out.print(a[i]+",");
            }
        }
    for(int i=0;i<a.length;i++) {
            if(a[i]==0) {
                System.out.print(a[i]+",");
            }
        }
         System.out.println("}");
    }
}
```

Output:

Input:

{0,1,0,3,12,}

output:

{1,3,12,0,0,}