

## Exercicio01.java

```
1 /**
2  * @author limadeveloper
3  *
4  */
5 package com.limadeveloper.fmu.ads;
6
7 import java.util.Scanner;
8
9 public class Exercicio01 {
10
11     private static Scanner scanner;
12
13     public static void main(String[] args) {
14
15         // Properties
16         scanner = new Scanner(System.in);
17         int size = 4;
18         int number = 0;
19         int[] array = new int[size];
20
21         // Array population
22         for (int i=0; i < array.length; i++) {
23             System.out.printf("Digite um número: ");
24             array[i] = scanner.nextInt();
25         }
26
27         // Order array
28         for (int i=0; i < array.length; i++){
29             for (int j=i+1; j < array.length; j++) {
30                 if (array[i] > array[j]) {
31                     number = array[i];
32                     array[i] = array[j];
33                     array[j] = number;
34                 }
35             }
36         }
37
38         imprimir(array);
39     }
40
41     // Actions
42     public static void imprimir(int[] array) {
43         for (int i=0; i < array.length; i++) {
44             System.out.printf("\nResult: %d", array[i]);
45         }
46     }
47 }
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```
46     }  
47 }  
48
```