



Selection Sort 3

locked

by Havan

Problem

Submissions

Leaderboard

Discussions

You are given an array of integers. Sort the array in ascending order by using selection sort. After each step of the selection sort, print out the array in a space separated format.

Particularly, ensure that you use the `min` version of the algorithm, i.e. select the minimum, and place it in its rightful place after each iteration.

Input Format

A single line of input contains a list of integers in space separated format.

Constraints

All the elements in the list are in the range of `int`

Output Format

If there are `n` integers in the array, print out `n` lines, where the `i`'th line is the state of the array after `i` iterations of the selection sort algorithm.

Sample Input 0

```
-1614748776
```

Sample Output 0

```
-1614748776
```

Sample Input 1

```
5 1 3 2 4
```

Sample Output 1

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





Submissions: 10



Max Score: 30

Difficulty: Easy

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Java 7  

```
1 import java.io.*;
2 import java.util.*;
3 import java.text.*;
4 import java.math.*;
5 import java.util.regex.*;
6
7 public class Solution {
8
9     public static void main(String[] args) {
10         /* Enter your code here. Read input from STDIN. Print output to STDOUT. Your class should be named Solution. */
11     }
12 }
```

Line: 1 Col: 1

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Test against custom input

Run Code

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