

```

import java.io.*;
import java.util.*;

public class Selection {

    public static void main(String[] args) {
        Scanner sc = new Scanner(System.in);
        int n = sc.nextInt();
        int[] arr = new int[n];
        for(int i = 0; i < n; i++) arr[i] = sc.nextInt();

        for(int i = 0; i < n; i++) {
            int min = i;
            for(int j = i+1; j < n; j++) {
                if(arr[j] < arr[min]) min = j;
            }
            // swap arr[i] and arr[min]
            int temp = arr[i];
            arr[i] = arr[min];
            arr[min] = temp;
        }

        for(int i = 0; i < n; i++) {
            System.out.print(arr[i] + " ");
        }
    }
}

```

