```java
/*
 *      A program which sorts an array.
 */


class SelectionSort {
        public static void main (String[] args) {
                double[] numbers = ArrayUtils.getArray();
                selectionSort(numbers);
                for (double n : numbers)
                        System.out.print(n + " ");
                System.out.print("\n");
        }
        public static void selectionSort (double[] arr) {
                for (int i = 0, left = 0; left < arr.length; left++) {
                        i = indexOfLowest(arr, left, arr.length);
                        ArrayUtils.swap(arr, left, i);
                }
        }
        public static int indexOfLowest (double[] arr, int left, int right) {
                int lowest = left;
                for (int i = left; i < right; i++)
                        if (arr[lowest] > arr[i])
                                lowest = i;
                return lowest;
        }
}


/*
 *      Variable Description :
 *      --------------------------------------------------------------------------------
 *      Serial no. |    Variable name    |      Data type       |        Purpose
 *      ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
 *         1       |    numbers          |      double[]        |  Store the numbers
 *                 |                     |                      |  entered
 *      -----------+---------------------+----------------------+-----------------------
 *         2       |    left             |      int             |  Counter variable
 *      -----------+---------------------+----------------------+-----------------------
 *         3       |    i                |      int             |  Counter variable
 *      -----------+---------------------+----------------------+-----------------------
 *         4       |    lowest           |      int             |  Store index of the
 *                 |                     |                      |  lowest number
 *      ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
 */
```