import java.util.Arrays;

class Main2 {

static void selectionSort(int[] arr) {

int n = arr.length;

for (int i = 0; i < n - 1; i++) {

int min\_idx = i;

for (int j = i + 1; j < n; j++) {

if (arr[j] < arr[min\_idx]) {

min\_idx = j;

}

}

int temp = arr[i];

arr[i] = arr[min\_idx];

arr[min\_idx] = temp;

}

}

static void printArray(int arr[]) {

for (int val : arr) {

System.out.print(val + " ");

}

System.out.println();

}

public static void main(String[] args) {

int[] arr = {64, 25, 12, 22, 11};

System.out.print("Original array: ");

printArray(arr);

selectionSort(arr);

System.out.print("Sorted array: ");

printArray(arr);

}

}