```
class SelectionSort {
static void selectionSort(int[] arr){
    int n = arr.length;
    for (int i = 0; i < n - 1; i++) {
        int min_idx = i;
        // Find minimum by iterating through the unsorted list
        for (int j = i + 1; j < n; j++) {
            if (arr[j] < arr[min_idx]) {</pre>
                // Update minimum index, if smaller element is found
                min_idx = j;
        }
        // Move minimum element to its correct position
        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);
```

Output-

Original array: 64 25 12 22 11 Sorted array: 11 12 22 25 64