```java
public static int[] sort(int[] unsorted) {
    for (int i = 1; i < unsorted.length; i++) {
        for (int j = i; j > 0; j--) {
            int jthElement = unsorted[j];
            int jMinusOneElement = unsorted[j - 1];
            if (jthElement < jMinusOneElement) {
                unsorted[j - 1] = jthElement;
                unsorted[j] = jMinusOneElement;
            } else {
                break;
            }
        }
    }
    return unsorted;
}
```