

```
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;  
}
```