```
public static
                     int[] unsorted)
for (int i = 1; i < unsorted.length;
    for (int = 1; 1 > 0; i-
        int ithElement Insorted[j];
        int jMinusOneElement = unsorted[j
        if (jtaltement < jMinusOneElement)
            unsorted | - 1] = jthElement;
            unsorted[j] = jMinusOneElement;
          else {
            break;
return unsorted;
```