```java
public class sort {
    public static void sort (int[] v) {
        for (int i = 0; i < v.length; i += 1) {
            for (int j = i - 1; j >= 0 && v[j] > v[j + 1]; j -= 1) {
                swap(v, j);
            }
        }
    }

    protected static void swap(int[] v, int k) {
        int temp = v[k];
        v[k] = v[k+1];
        v[k+1] = temp;
    }}
```

FIGURE e2.15.9   An initial Java procedure that performs a sort on the array v. Changes from Figures 2.24 and 2.26 are highlighted.