

## AP COMPUTER SCIENCE A – JAVADOC IN-CODE COMMENT BLOCKS

**Example #1.** Here is a listing of `BubbleSort.java` with javadoc in-code comments included.

```
/**
 * This class contains a single static method<br>
 * <code>public static <T extends Sortable> void bubbleSort ( List<T> list )</code><br>
 * for sorting a <code>List<T> list</code> object into ascending order.
 */
public class BubbleSort {
    /**
     * Sort a <code>List<T> list</code> object into ascending order.
     *
     * @param <T> Object which implements interface Sortable.
     * @param list The list to sort.
     * @see Sortable
     */
    public static <T extends Sortable> void bubbleSort ( List<T> list ) {
        /**/
        int len;
        /**/
        len=list.length();
        /**/
        for ( int p=0; p<len-1; ++p ) {
            for ( int i=0; i<len-1-p; ++i ) {
                if ( list.get(i+1).lessThan(list.get(i)) ) {
                    list.interchange(i+1,i);
                }
            }
        }
        /**/
        return;
    }
}
```

**Example #2.** Here is a listing of method `public T get ( int i )`, from class `List`, with javadoc in-code comments included.

```
/**
 * Get the element at index <code>i</code>.
 * <p>
 * This method will throw an <code>ArrayIndexOutOfBoundsException</code>
 * if the index <code>i</code> is out of range.
 *
 * @param i The index.
 * @return The element residing at index i.
 */
public T get ( int i ) {
    /**/
    checkIndexBounds(i);
    return backingArray[i];
}
```