**SortTimer.java (continued)**

**Directions:** This program is designed to track the speed of each sort algorithm.

1. Add the InsertionSort Method and MergeSort Method to Sorter.java.
2. In addition to the Random Array that has already been instantiated, create a sorted array of 100,000 integers from 0-99,999.
3. Use an instance of the StopWatch class to track the run-time of each sort method on both the sorted and unsorted array.
4. Create the printout below.

Bubble Sort on Random Array: 16.231

Bubble Sort on Ordered Array: 0.0

Selection Sort on Random Array: 7.177

Selection Sort on Ordered Array: 7.071

Insertion Sort on Random Array: 5.741

Insertion Sort on Ordered Array: 0.0

Merge Sort on Random Array: 0.016

Merge Sort on Ordered Array: 0.016