COP 3003 Assignment #5 – Fall 2013

Write a Java program that implements two methods to insert a new node with a given integer into a linked list of nodes (each with an integer data field), as follows:

- one method, named `aMethod()` shall use nodes of `myList` Java class, as discussed in the linked list examples in class meetings
- the second method, named `theMethod()`, shall use the `LinkedList` class.

Assuming that a sample linked list is ordered, both methods shall insert a new node into the right position in the list to keep it ordered.

The testing program shall measure and compare efficiencies of both insertion methods, using one of the timing methods from the `System` package, and showing the difference in speed (this difference may become clearly visible only for very long lists).

- *Form of submission: files with the source code including the testing program and both methods (unzipped) emailed to Instructor at* `zalewski@fgcu.edu`
- *Deadline: November 27 (Wednesday), by Midnight*
- *Grade: Max 10 pts; Tardiness: 2 pts per day.*