Lab 10

Objectives:

- Sign up for the lab
- Lab evaluation
- Iterator
- Submit one file: *SLL.java* at the end of the lab. Click the "Submit" button
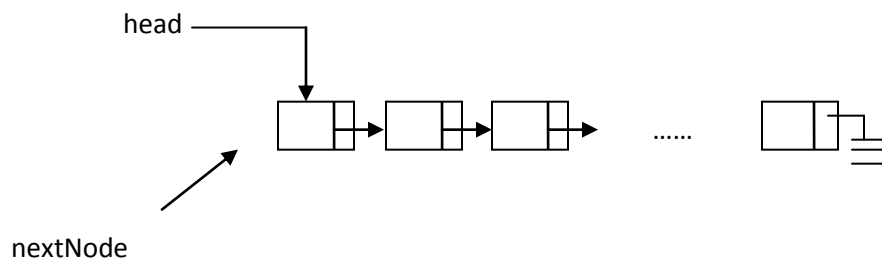
In lab 5, we created a generic singly linked list. The Iterator class in java.util library provides a uniform way to traverse a collection of data stored in diverse data structures. An iterator object can access one object at a time in a collection of data.

1. Search the Java API 7, examine the java.util.Iterator interface
What are the methods that should be implemented?

2. Download SLL.java
Finish the implementation of the SLLIterator class.

"An iterator has an implicit cursor that keeps track of where you are in the SLL ADT. It is best to think of this cursor as being either before the first item in the list, between two items in the list, or after the last item in the list." Cited from the page 490 of your textbook.

Use Connex to submit one file: *SLL.java* at the end of the lab. Make sure you click the "Submit" button.