**Assignment 4 on Chapter 8**

Suppose that we want to add a method to a class of queues that will splice two queues together. This method adds to the end of the first queue all items that are in a second queue.

**Do not create a new queue and add all the items of first and second queues**.

The header of the method could be as follows:

**public void** splice(QueueInterface<T> anotherQueue)

Write this method in such a way that it will work in any class that implements QueueInterface<T>.

Implement this method specifically for the class LinkedQueue. Take advantage of your ability to manipulate the chain that represents the queue.

Add code to the Driver file to test your new method.

**What to submit:**

1. The **QueueInterface.java** including the splice method header
2. The **LinkedQueue.java** including the splice method implementation
3. The **Driver.java** file that test the new method