**IN CLASS EXERCISE – LIST**

1. Define a method **void** **insertLast(T element)** to the *SList<T>* class which will insert the element at the end of the linked list. *SList<T>* class can be found in the in class code demos section of the course web page : <http://www.mscs.mu.edu/~praveen/Teaching/Fa19/DS1/Lectures/Code/singlelinked/>
2. Define a method **boolean equals (Object other)** for the *SList<T>* class that returns true when the contents of the two linked lists are the same. Note that two equal linked lists contain the same number of elements and each element occurs in each list at the same position.

For example, list A🡪B🡪C is equal to A🡪B🡪C, but not equal to A🡪B and not equal to C🡪B🡪A, etc.

Test the new methods using a driver program. Please include at least three test cases. Also, include as comments in your code, the time complexity of the methods.

**Submission**: Submit your solution on http://d2l.mu.edu to *the in class exercise* folder by the next two class meetings.