CSC 121
Assignment 3
Singly Linked List

Modify the code of Singly Linked List in the book Data Structures and Algorithm by Adam Drozdek so that it will have the following methods:

Methods	Operation
void addLast(Object el)	Insert object ob at the end of the linked list
Object getFirst()	Return the first object in the linked list throw NoSuchElementException if the linked list is empty
Object getLast()	Return the first object in the linked list throw NoSuchElementException if the linked list is empty
Object deleteLast()	Remove and return the last object on the linked list throw NoSuchElementException if the linked list is empty
void deleteAll(Object ob)	Remove all occurrence of ob in the linked list throw NoSuchElementException if the linked list is empty
int size()	Return the number of objects in the linked list
int lastIndexOf(Object ob)	Return the position of the last occurrence of object ob in the linked list and return −1 if ob is not found
int firstIndexOf(Object ob)	Return the position of the first occurrence of object ob in the linked list and return −1 if obis not found

Create a test driver class for SLList to test the functions you have created. Name this TestSSList.java. Make sure your functions are working properly.