Linked List MiniLab Hints
Spring 2016

The goal of this lab is to create a singly linked list that adds new nodes at the front and can delete any node by index. You must also insure that your methods correctly update the property size for the list. You will be modifying the class List which stores objects (in this case String) as the data portion of the nodes.

You need to write the code in class List for two methods addElement(T element) which accepts any valid object as the data for each node of the list and adds a new Node at the front of the list, updates the pointer first and the property size. You also need to write a method removeElement(int index) which correctly removes the node at index, returns the data (element), updates size, and fixes up the list pointers.

You might find it useful to write a toString() method to print the linked list. This is optional.