# 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.