CSC 550

Assignment 8

Due Thursday, 11/8/2018

1. Give a complete implementation of class `LinkedListRec<E>` and write a driver to test it. Your implementation should include the following recursive methods:

   - size
   - toString
   - add
   - replace
   - remove (E data)
   - equals (see Chapter 5: programming 1, p238)
   - search (see Chapter 5: programming 2, p238)
   - insertBefore (see Chapter 5: programming 3, p238)
   - reverse (see Chapter 5: programming 4, p238)
   - insert (see Chapter5.4 Exercise 3, p238)
   - remove (int index) (see Chapter5.4 Exercise 4, p238)

2. Do all programming Excises for Chapter 6, section 4 (6.4 : Binary Search Tree).