

## CS 1316 – Homework 8 – Generalized Lists Mini-Homework

**Due: Monday March 29th, 2009 before the end of your recitation - Show to your grading TA in recitation**

**NOTE: This homework has NO T-Square turn-in requirements!**

**This homework is worth 50 points.**

**This is a pair programming problem! You are expected to work with the person you have been paired with in class. You and your partner will demonstrate that you have successfully completed the assignment to your Grading TA in Recitation on Monday March 29th!**

You may collaborate with other students in this class. Collaboration means talking through problems, assisting with debugging, explaining a concept, etc. You should not exchange code or write code for others. For pair programming assignments, you and your partner should work on the same assignment together.

### **Mini-Homework – Generalizing Lists**

For this homework, you will be modifying the code provided in the java-source zip file. Specifically, you will be following the directions in Chapter 10.1 to generalize the linked list behavior in the CollectableNode and the DrawableNode java files. You will make CollectableNode and DrawableNode subclass (extend) the provided LLNode following the directions in your textbook.

#### ***Grading Criteria:***

CollectableNode (CN) and DrawableNode (DN) subclass LLNode	10pts
All Linked List functionality has been removed from CN & DN	10pts
Subclasses of CN and DN have been modified to work with LLNodes:	10pts
-HBranch	
-VBranch	
-Branch	
-SoundBranch	
-SoundNode	
-ScaleBranch	
The two example programs work, using the new code:	20pts
-SoundTreeExample	
-WolfAttackMovie	