CO322: Data Structure and Algorithms Lab3- Part 2: Binary Search Trees April 28, 2016

Exercise 1

- 1.1. Implement Binary Search Tree (BST) ADT, which have the following functions:
 - createBST (create the BST Data Structure)
 - destroyBST (destroy/clean BST Data Structure)
 - copyBST (create a copy of the BST)
 - addBST (add/insert an item into the BST)
 - deleteBST (find and delete an item from the BST)
 - FindBST (find a given element in the BST)
 - FindMax
 - FindMin
 - printOrderedList (print the ordered list of items in the BST)

Note: Your implementation should implement and utilize basic traversal functions (e.g., preorder, inorder and postorder traversal) where necessary.

1.2. Write a program to demonstrate the functionality of your BST implementation.