Lab 11, Fall 2018

Deadline: Sunday, Oct 21, 11:59pm

## Binary Search Trees

In this lab your goal is to implement standard operations on **binary search trees**, including insert and delete. See section 12.3 in the textbook. In this assignment the keys are integers.

The input contains one of the following commands on a line:

- i key Insert key into the BST. For example, "i 2" means "Insert key 2 into the BST".
- d key Delete key from the BST. For example, "d 2" means "Delete key 2 from the BST". Do nothing if the BST does not contain the key.
- pre Output all keys in preorder.
- post Output all keys in postorder.
- in Output all keys in inorder.
- e Finish your program.