

CS180 - AVL trees

Note Title

11/28/2011

Announcements

- Midterm redo - turn in now
- Program due tonight
- HW due Wednesday
- Program up Wed. - remove in BSTs

Today : BSTs & AVL trees

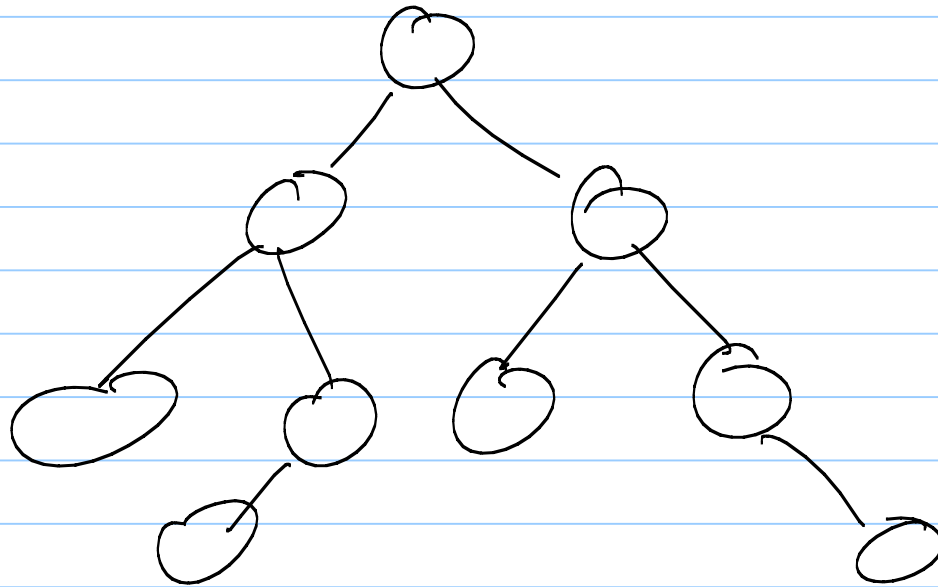
What is a BST?

AVL tree?

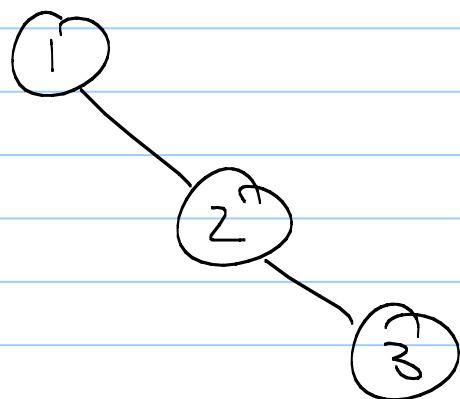
First: Go over Binary Search Tree code.

Operator ++: find next node in an inorder traversal.

How?



Inserting / Removing



← not an AVL tree!

How to fix?

Pivot function

pivot(it) will move it up to its parent's location & re-attach the rest of the tree appropriately

