CS180 - Binary Trees

Announcements

- HW due Friday
- Review Friday
- Test Monday
- Normal lecture tomorrow
Last time:

In order traversal: LRXBMQZYN

Go left
print current
Go right
Pre order Traversal

print self
go left
go right

Result: MXLRB YEQN
Post-order traversal

Go left,
Go right,
print self.

RLBXQ2ZNYM
LRXBMQZYLN < Inorder
WXKBYN < Pre order

Diagram of a tree:
Today:

Code for heaps & binary trees.

BinaryTree.h will be generic—
not BSTs.

BST.h will inherit from BinaryTree.h
(but so will other classes.)

\[(A \cdot B)' = A' + B'\]
Delete - postorder!

[Drawing of a tree with labels and arrows indicating deletion process]