

Lecture 23: Binary Tree Implementation & Traversals

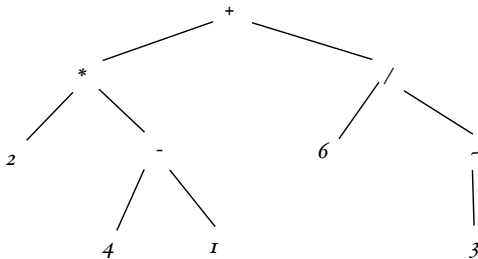
CS 62
Spring 2011
Kim Bruce & David Kauchak

Tree Traversals

- Traversals:
 - Pre-Order: root, left subtree, right subtree
 - In-Order: left subtree, root, right subtree
 - Post-Order: left subtree, right subtree, root
- Most algorithms have two parts:
 - Build tree
 - Traverse tree, performing operations on nodes

Evaluate Expression Tree

- Evaluate left subtree, right subtree, perform operation at root.



Animals Game

- Guess animal using only true-false questions.
- See demo program

Look at BinaryTree.java