Algorithms and Data Structures for Data Science
lab_trees

CS 277

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Learning Objectives

Practice storing information in a binary tree

Implement structural functions and traversal functions

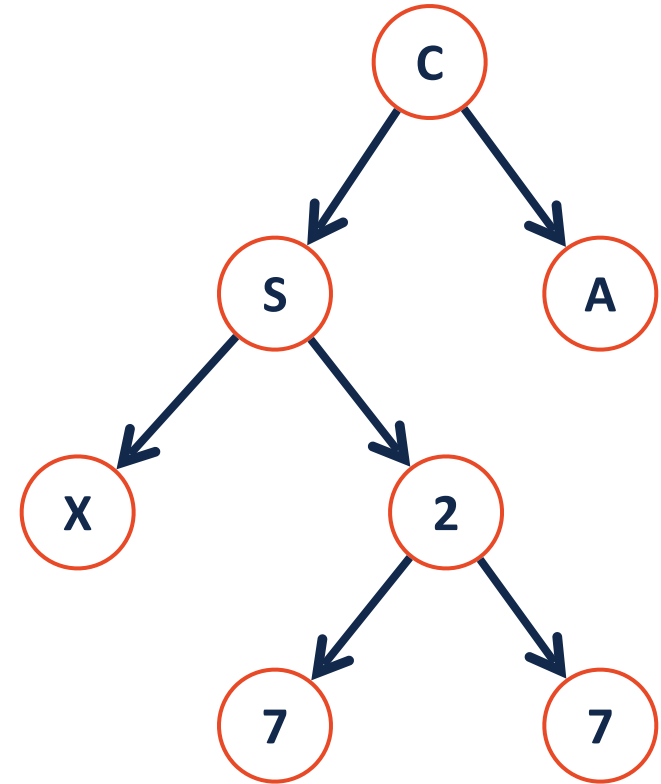Practice manipulating tree structures while preserving content

Binary Tree
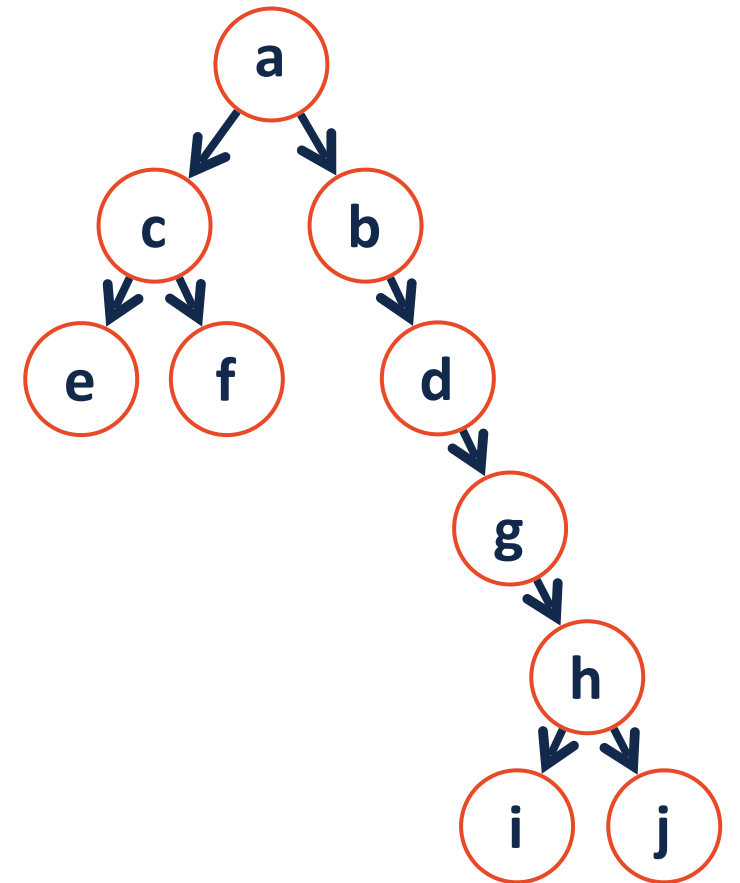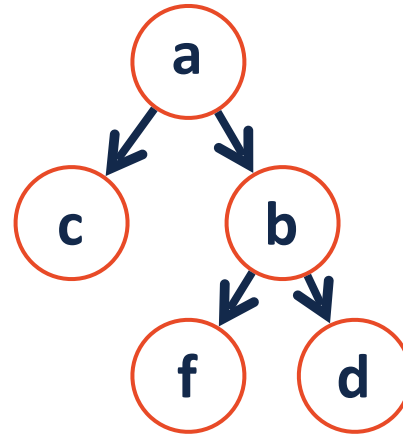
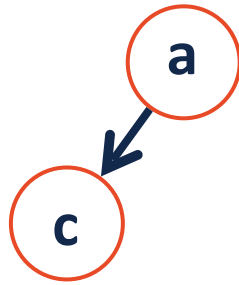A **binary tree** is a tree T such that:

$$T = None$$

or

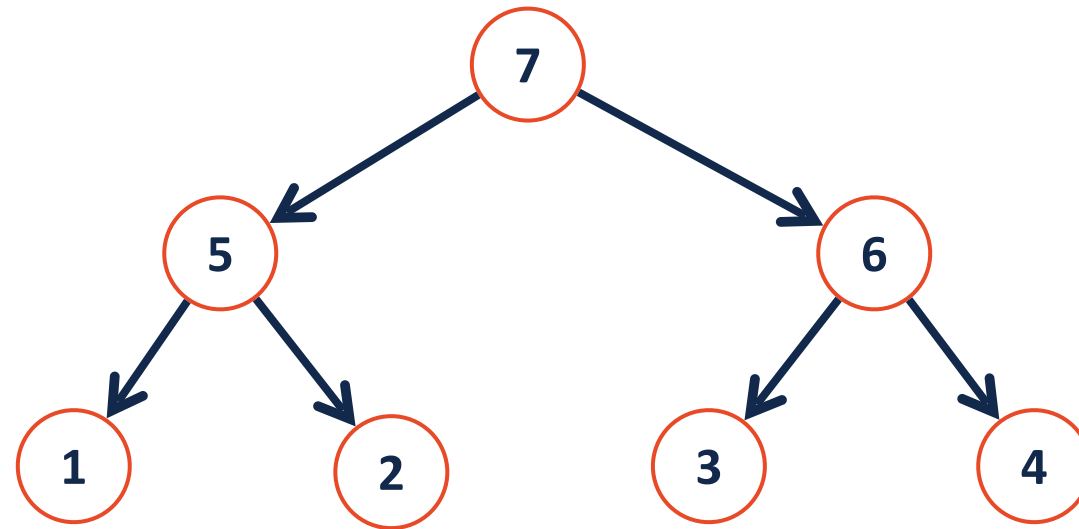$$T = treeNode(val, T_L, T_R)$$

Height

The length of the longest path from the root to a leaf

In-Order Traversal

Mirror