

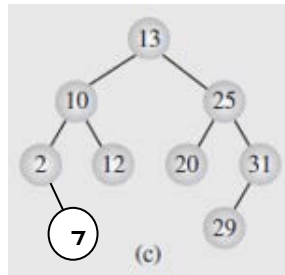
CS3353: Data Structures and Algorithm Analysis I
Fall 2022

Review Quiz #7

- Name only: _____
- Release date: Oct 24, 2022 (Monday)
- Total 5 pts

1. Based on the given binary tree, list the sequence of nodes using following traversal algorithms.

[3 pts]



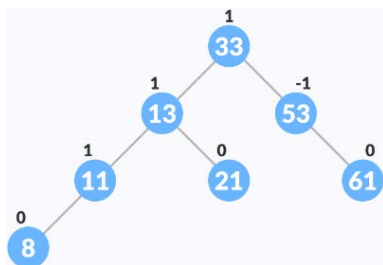
(a) Preorder (VLR) traversal

(b) Inorder (LVR) traversal

(c) Postorder (LRV) traversal

2. Draw the tree after inserting a node, 9.

[1 pt]



3. [True/False] Operations like insertion, deletion, modifying values, merging trees, and balancing tree alter the tree structure.

[1 pt]