

Assignment 5

Implement a binary tree using an array, vector or linked list.
(Note: duplicates are allowed in a binary tree)

Store the following elements using the properties of a binary search tree.

25, 59, 288, 19, 13, 888, 109, 55, 118, 89, 33, 1001, 18, 44, 88,
12, 24, 49, 9,

Perform the in-order, post-order, pre-order, breadth-first traversals.

In addition to the traversals, print out the binary tree by level. Show the parent-child relationship for all the nodes of the tree.

Due February 19th