

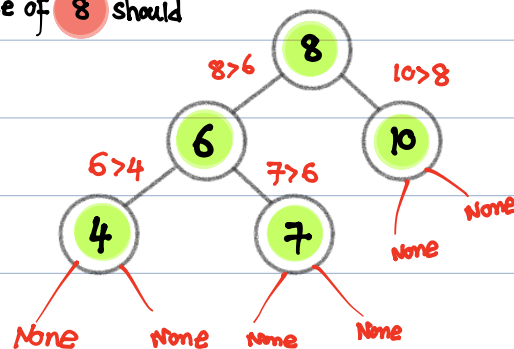
Binary search Tree

A binary tree is a binary search tree if all the node's data to the left side of the root are smaller than the root's data and all the nodes data to the right side of the root are larger than the root's data.

Example-1:

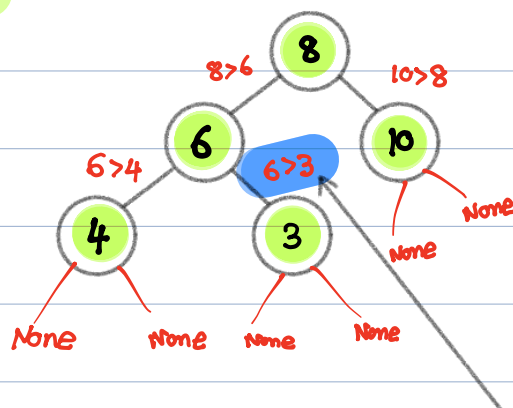
All the node's data to right side of 8 should be larger than 8.

All the node's data to right side of 8 should be smaller than 8.



It can be observed the same rule is followed by all sub trees.

Example-2:



Not a BST, because right child < parent node