

Binary Search Tree:

Binary Search Tree is a node-based binary tree data structure which has the following properties:

- The left subtree of a node contains only nodes with keys lesser than the node's key.
- The right subtree of a node contains only nodes with keys greater than the node's key.
- The left and right subtree each must also be a binary search tree.

Problems:

Solve it at your own pace, but complete within 2 days.

- <https://leetcode.com/explore/learn/card/introduction-to-data-structure-binary-search-tree/> (Solve this first. It will make you comfortable with BST)
- <https://leetcode.com/problems/maximum-sum-bst-in-binary-tree>
- <https://leetcode.com/problems/binary-search-tree-to-greater-sum-tree>
- <https://practice.geeksforgeeks.org/problems/largest-bst/1>
- <https://practice.geeksforgeeks.org/problems/kth-largest-element-in-bst/1>
- <https://practice.geeksforgeeks.org/problems/print-bst-elements-in-given-range/1>
- <https://practice.geeksforgeeks.org/problems/largest-bst/1>

Other resources:

- <https://www.geeksforgeeks.org/binary-tree-binary-search-tree-conversion-using-stl-set/>
- <https://www.geeksforgeeks.org/sorted-array-to-balanced-bst/>
- <https://www.geeksforgeeks.org/kth-smallest-element-in-bst-using-o1-extra-space/>
- <https://www.geeksforgeeks.org/count-bst-nodes-that-are-in-a-given-range/>