

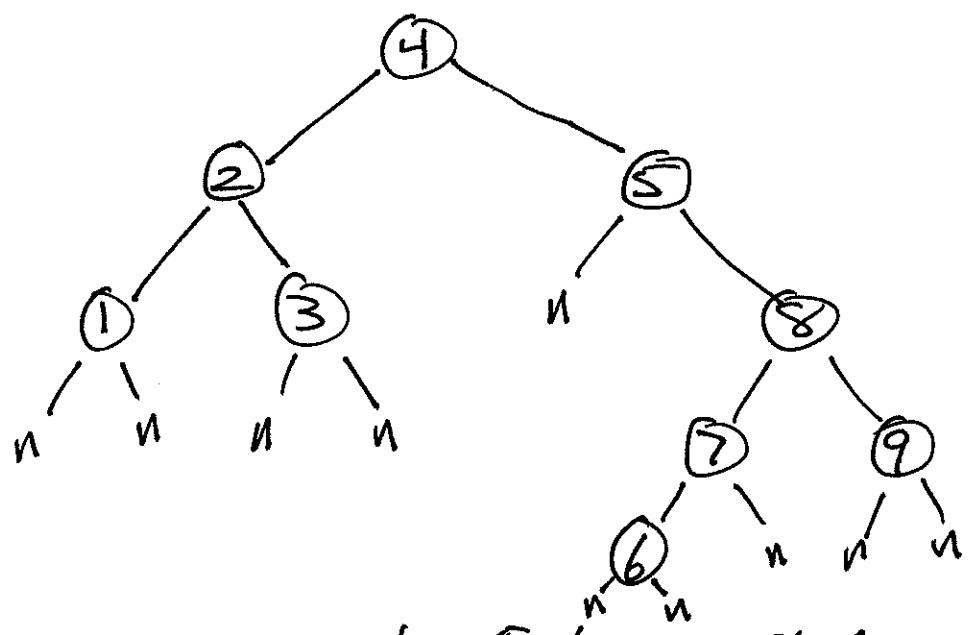
CS2 101 2-27-24

- Thur 2/29 : mid-term 2 .
- Pac ext. 2 days : Sunday 10PM

## Binary Search Trees : BST

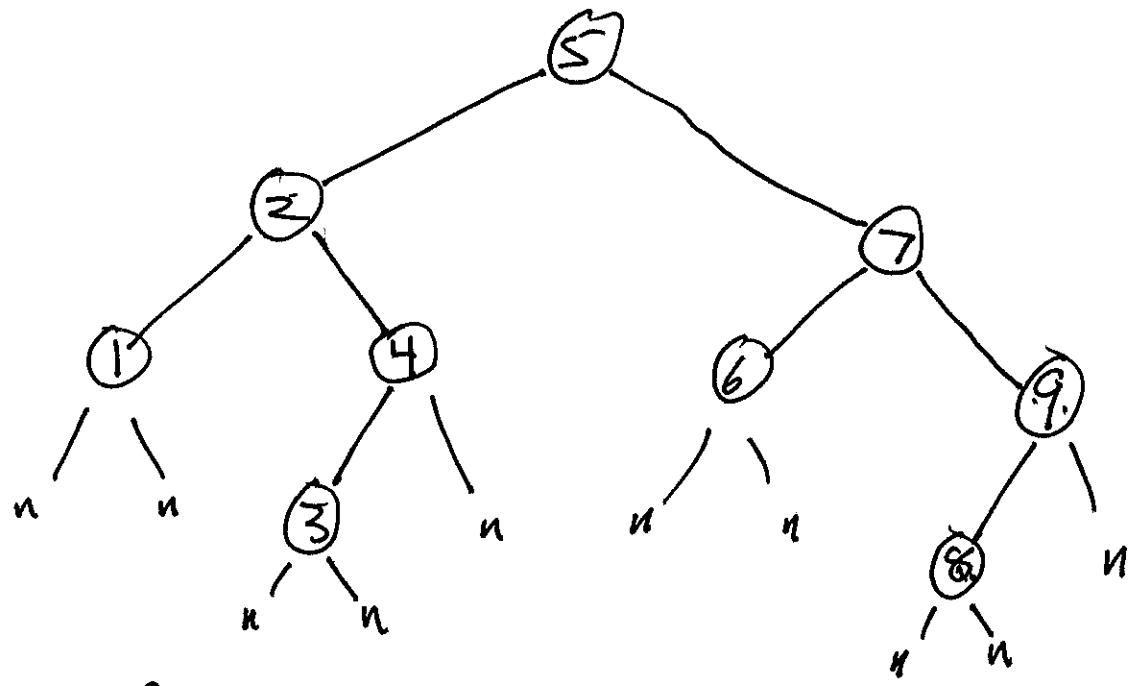
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In order tree walk.



Print: 1, 2, 3, 4, 5, 6, 7, 8, 9

Ex. Same keys, diff structure



In ord. tree walk: 1, 2, 3, 4, 5, 6, 7, 8, 9

Pre Ord. tree walk: 5, 2, 1, 4, 3, 7, 6, 9, 8

↑
↑
↑  
 root      left subtree      right subtree

Post ord. tree walk: 1, 3, 4, 2, 6, 8, 9, 7, 5

↑
↑
↑  
 left subtree      right subtree      root