# [320] Graph Search

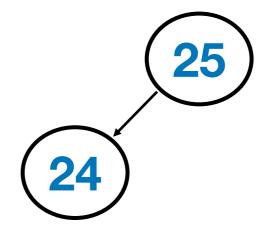
Yiyin Shen

Assume this insertion order for a BST: 25, 24, 21, 4, 3, 2, 11

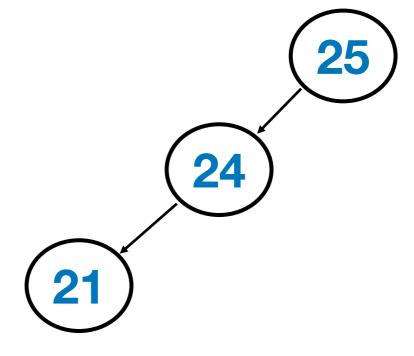
Assume this insertion order for a BST: 25, 24, 21, 4, 3, 2, 11

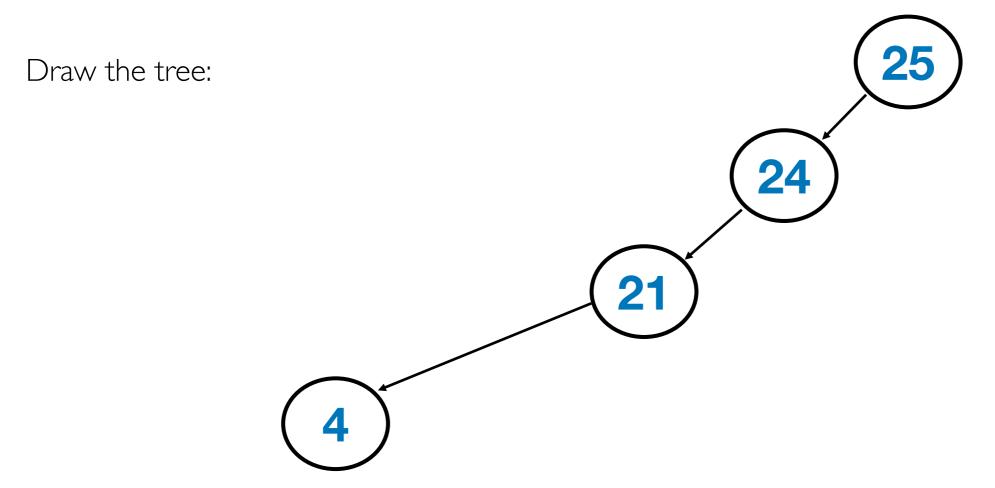


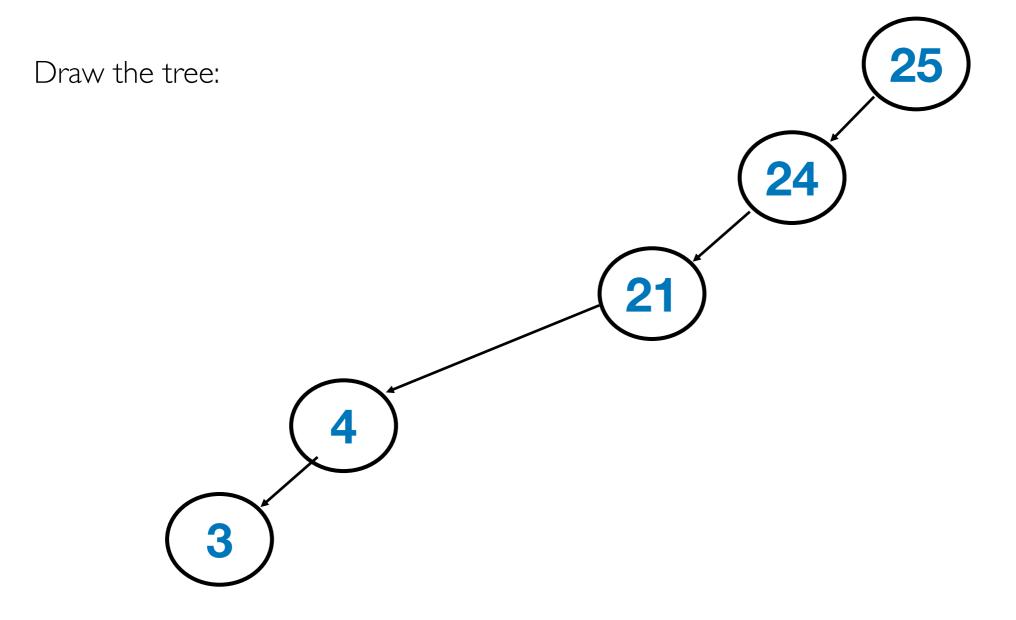
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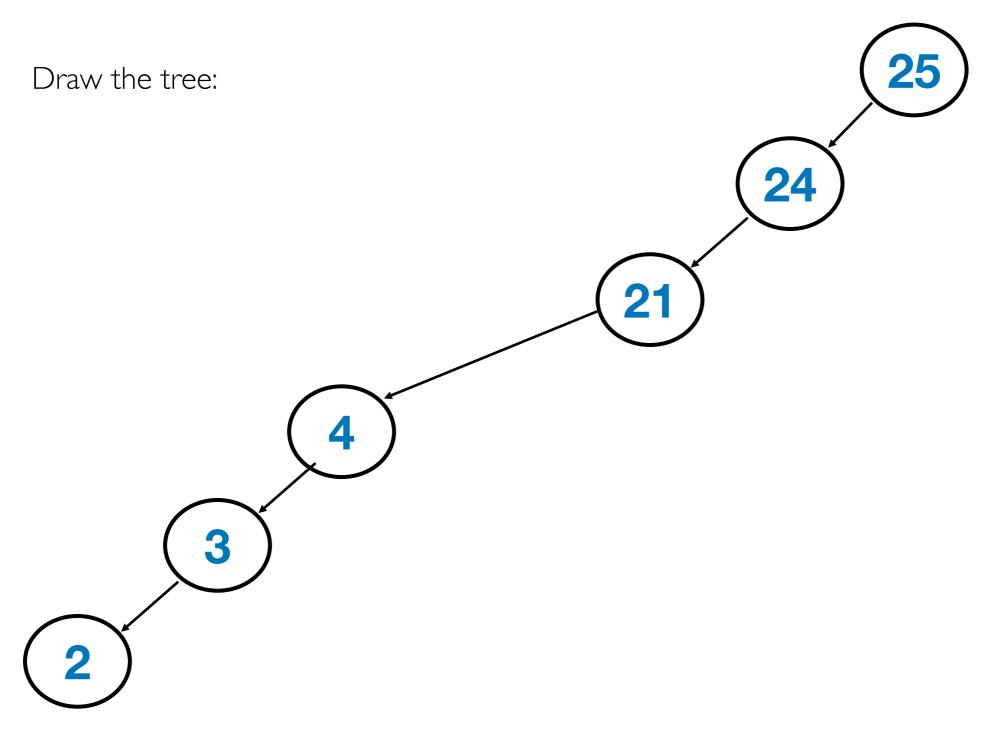


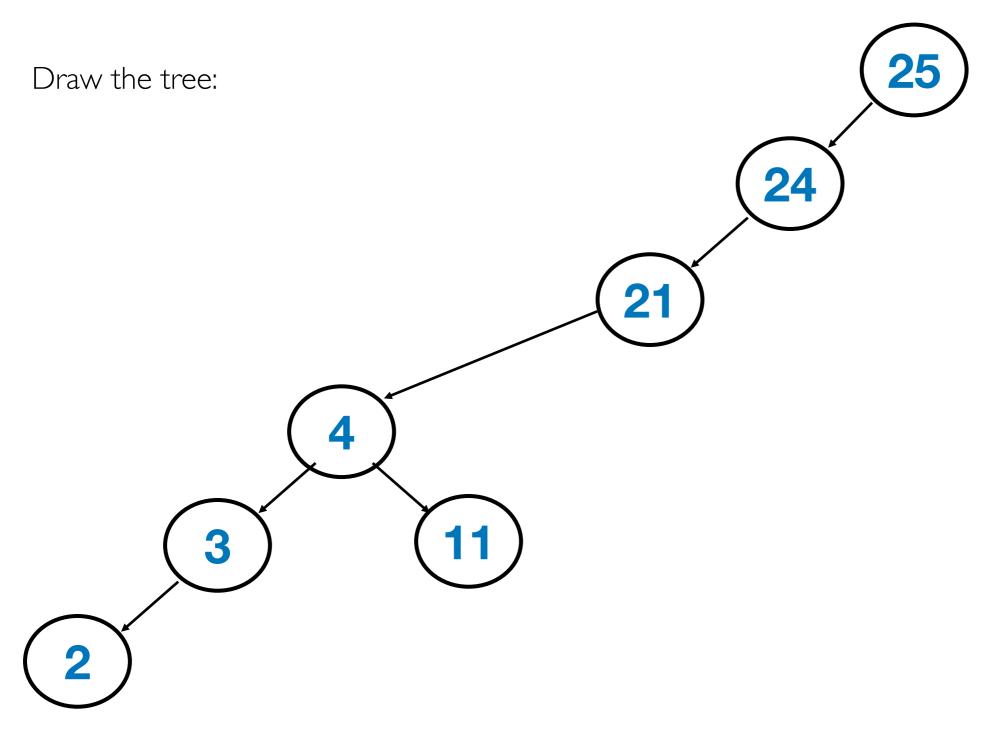
Assume this insertion order for a BST: 25, 24, 21, 4, 3, 2, 11

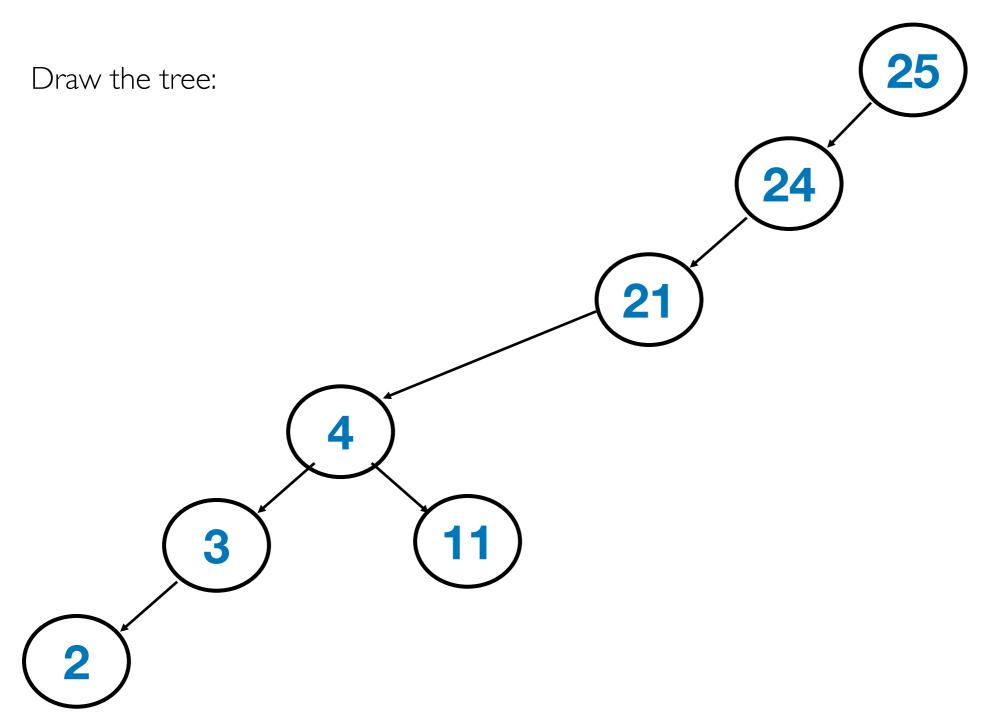


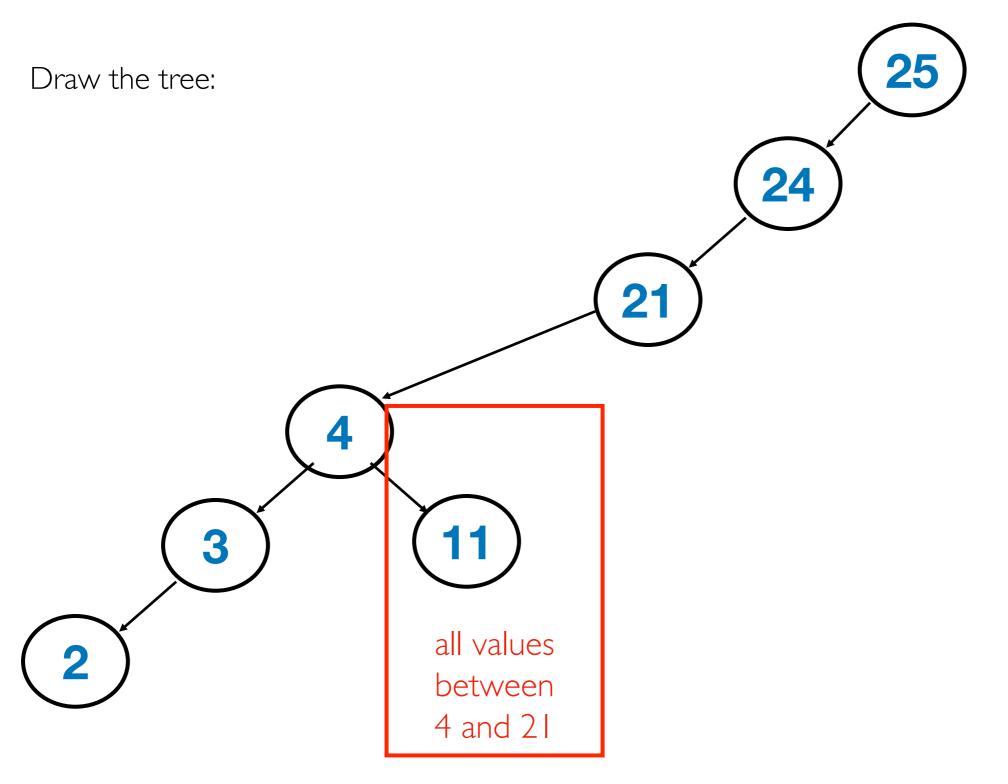




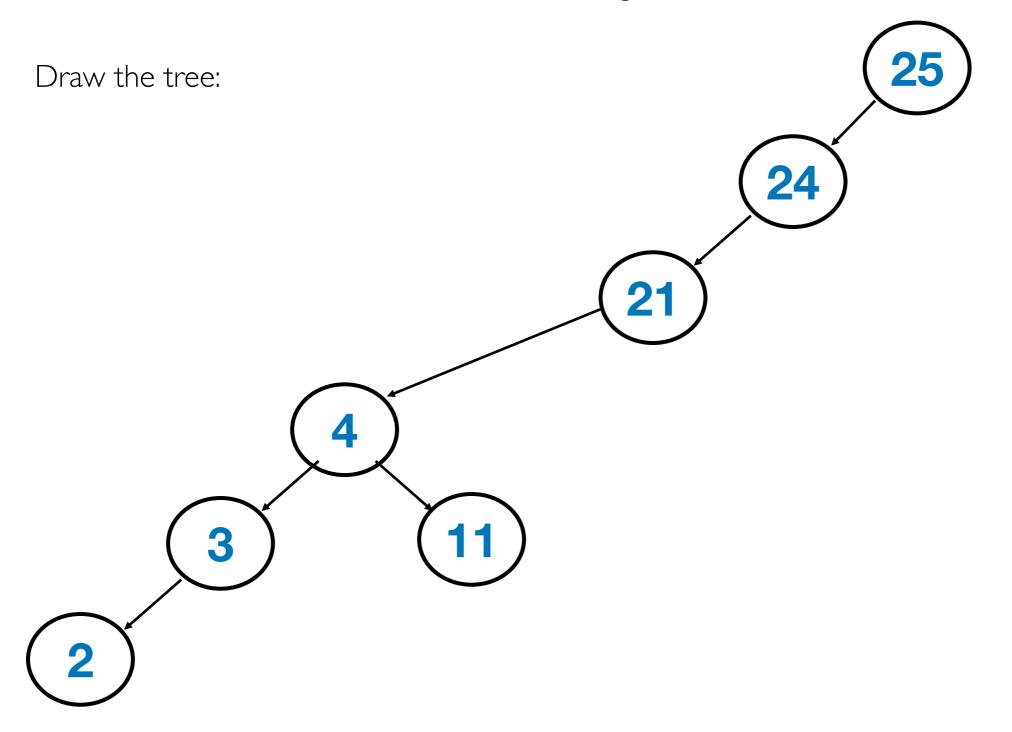




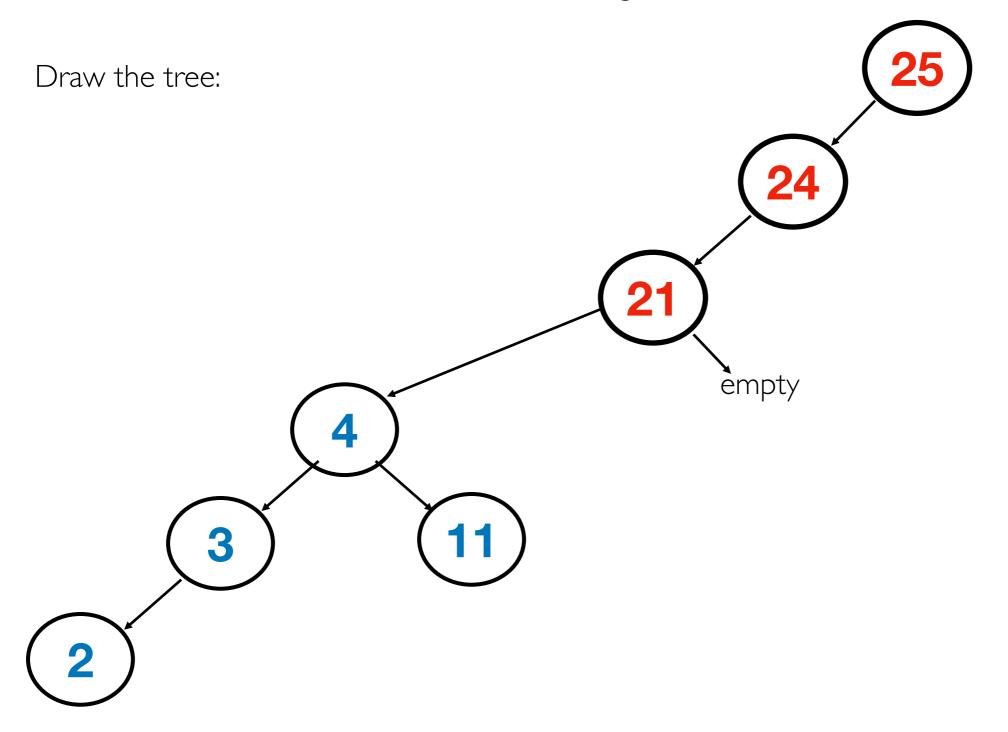




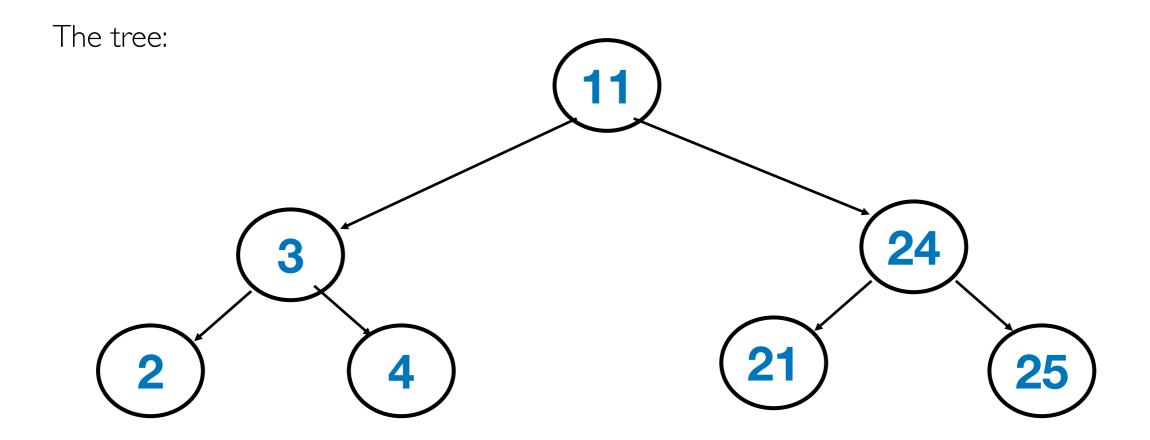
Which nodes will be checked if we're searching for 22?



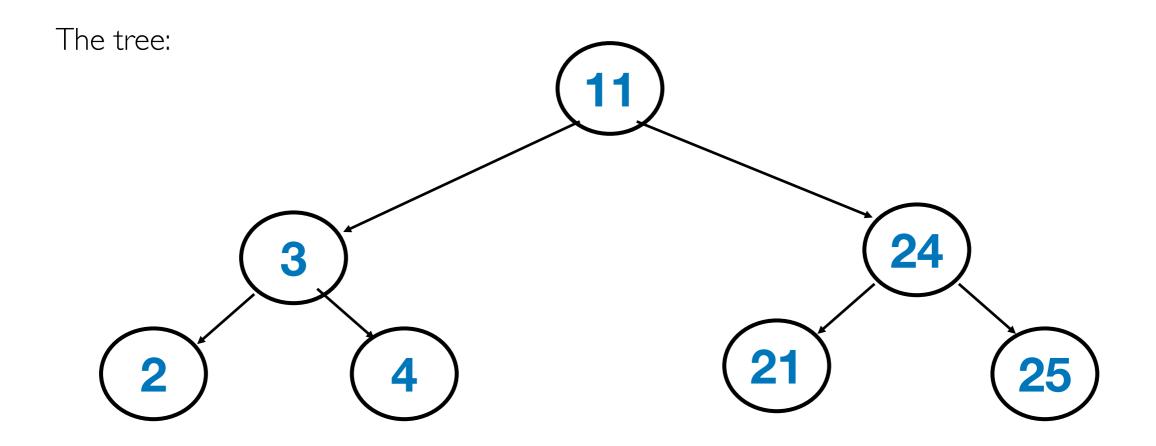
Which nodes will be checked if we're searching for 22?



Write down a few insertion order that will produce a balanced tree...



Write down a few insertion order that will produce a balanced tree...



11, 3, 24, 2, 4, 21, 25