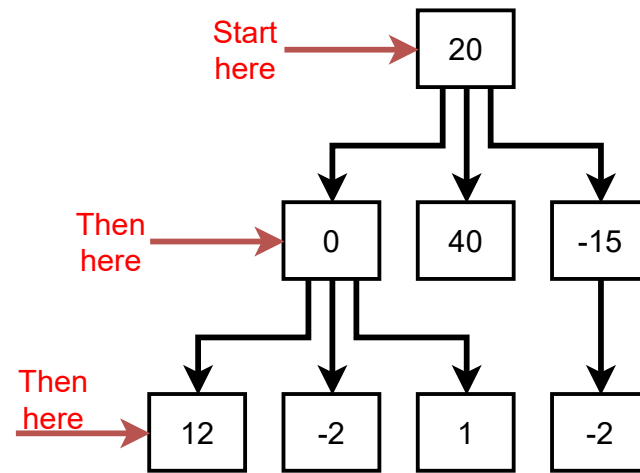
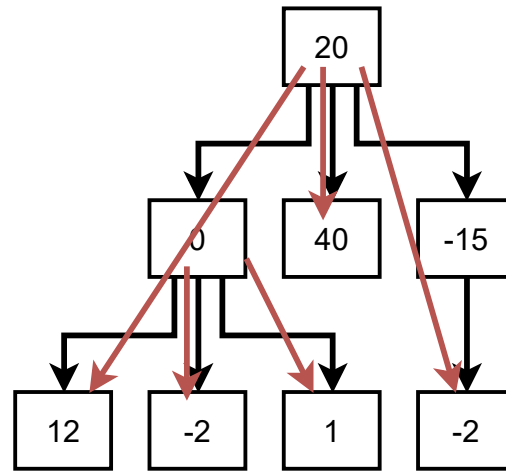


Iterating through a  
tree = traversal

There are different  
orders of traversal

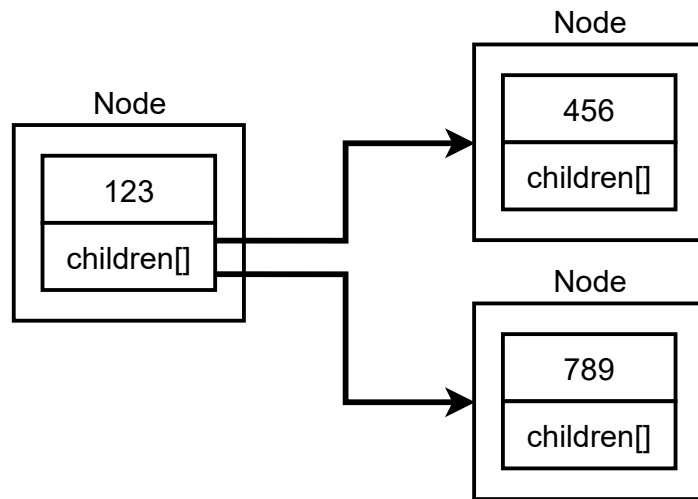


Breadth-First  
Traversal



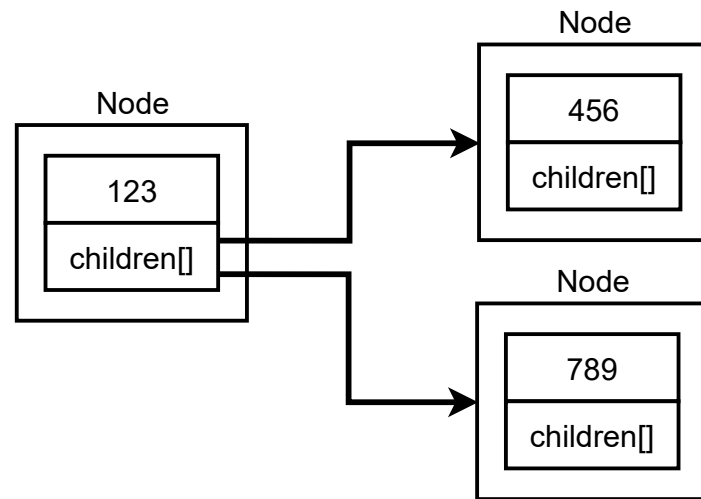
Depth-First  
Traversal

20, 0, 12, -2, 1, 40, -15, -2



**add(data)**

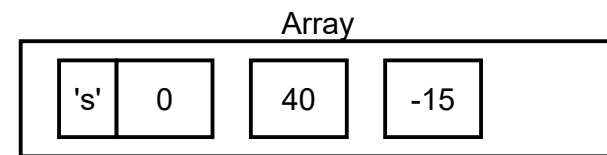
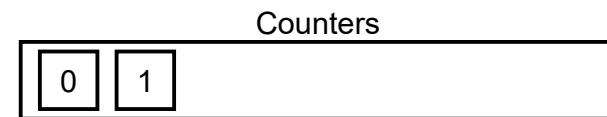
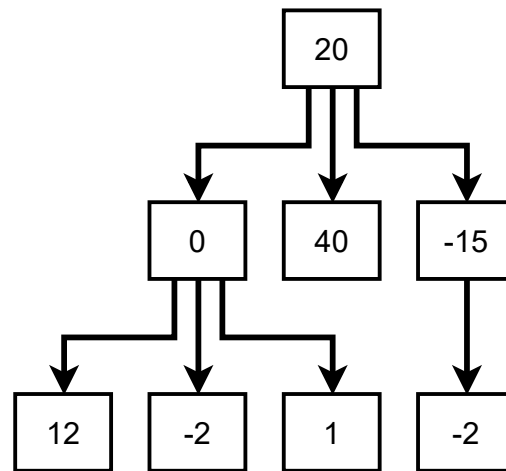
Given some data, create a new node and add it to the current node's 'children' array



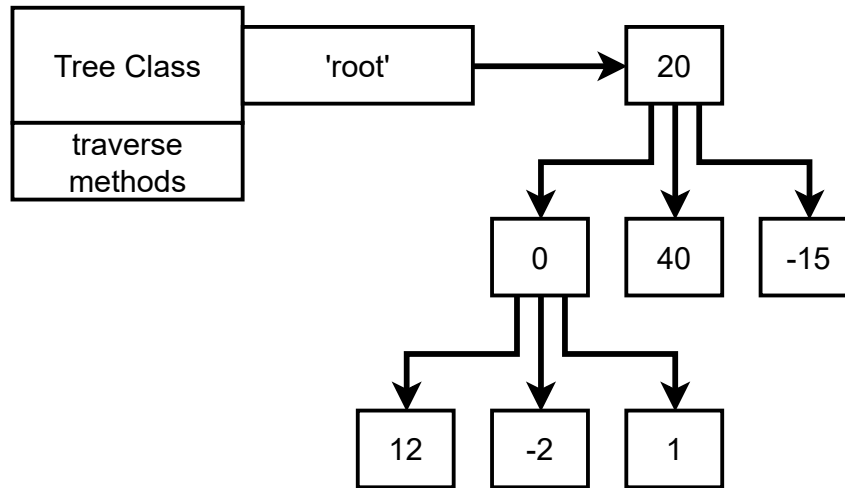
`remove(data)`

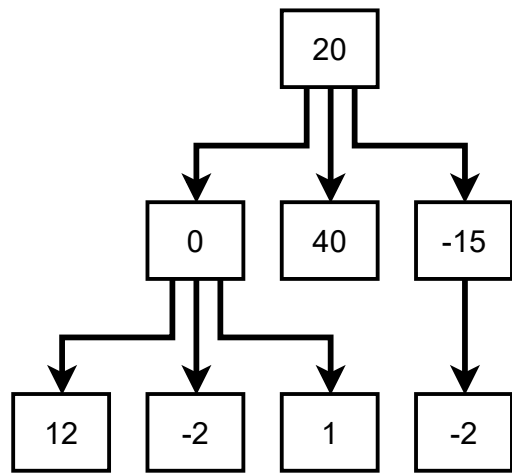
Given some data, look at  
each child of the current  
node and remove any  
node with `data === data`



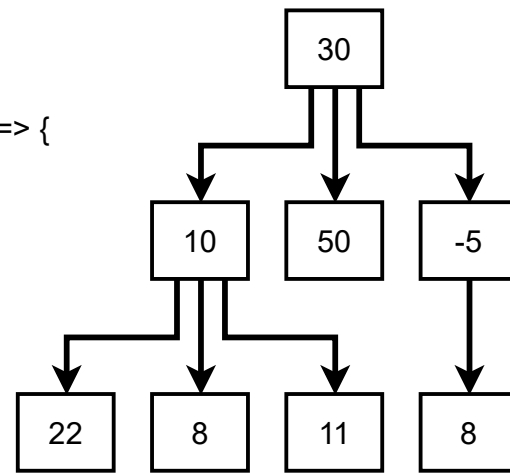


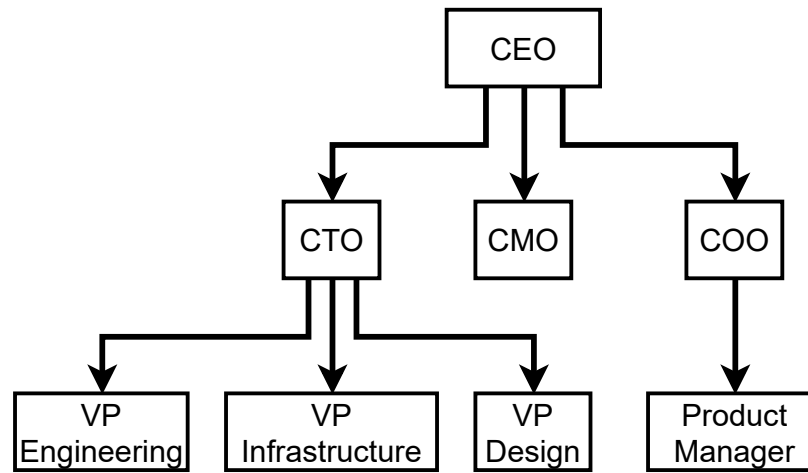
20





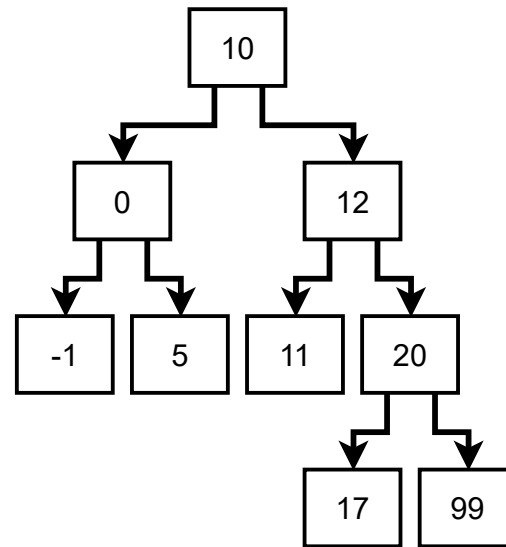
`tree.traverseBF((node) => {  
 node.data += 10  
});`

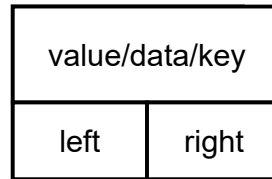




CEO, CTO, CMO,  
COO, VP Engineering,  
VP Infrastructure, VP  
Design, Product  
Manager

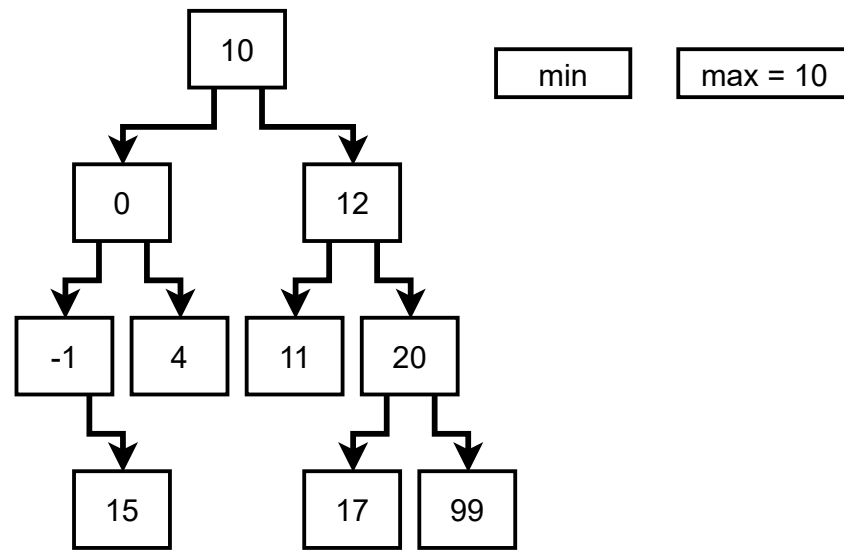
Binary  
Search  
Tree

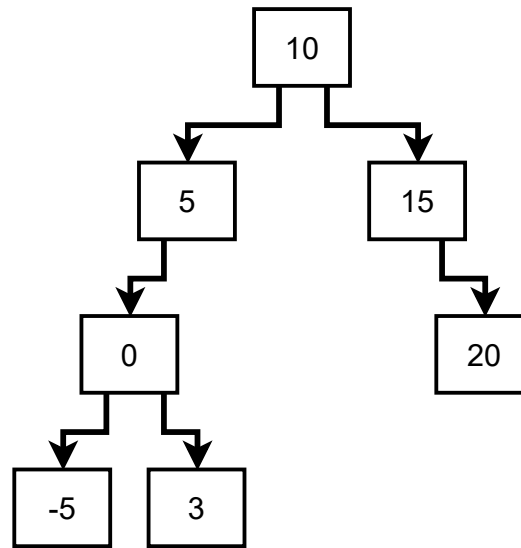




value > left.value

value < right.value





Does this tree  
contain value '3'?