

HINTS:

- 1) Think about what end of the Deque you used for `addFirst()`, `addLast()`, `removeFirst()`, `removeLast()`, etc. on the homework.
- 2) Pay attention to where front and back should always be pointing to, especially during wraparound.
- 3) $\text{height} = \max\{\text{node.left.height}, \text{node.right.height}\} + 1$ (number of edges from the node to its deepest descendant)

depth of a node is the number of edges from the root to the node

BST has two characteristics: It is a binary tree, and it has the order property (left child < node < right child's data).

Complete Trees: Every level is filled except the last level, which is filled from left to right.

Leaf: Node without children

- 4) Take a look at `addToBack` on your `DoublyLinkedList` homework. How would you replace each time you use the tail?
- 5) Most of these are slight modifications of homework methods.
- 6) Think about what nodes are going to be accessed in the list, and what qualifies a node to be added to the output list.
- 7) This is a slight modification of `get()`.