

Private recur() method to be used in remove and insert methods

Recur() method uses recursive calls to find the right subroot

Base case is when the current node value is None

Every recursive call should return a node object

In order, pre order, post order will also require recursive calls

If value not in tree, raise value error

To_list(): Instead of a str representation, build a list/array

Get_height() should be stored in self.__root, must operate in constant time

What values can be inserted into a binary search tree? Must be able to answer the question "Is x greater/less than y?"

Fraction class: must implement the greater than, less than, or equal to methods (return Booleans)

- Will not work if fractions are converted to floats and then compared

- last part is creating several fraction objects and sorting them by inserting them into a BST

Computing height: height of immediate children plus 1

Last thing to do before returning a node object is to update height

Be careful not to crash when one child is missing (None has no height, cannot do integer operations with None)