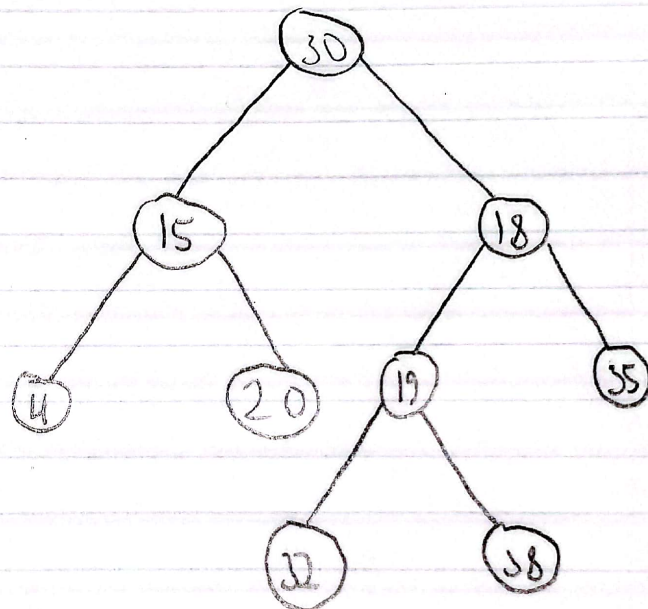


- 4) the `to_String` method generates a string representing a preorder traversal in which each local root is on a separate line. if a subtree is empty, the string "null" is displayed. consider the output of a `to_string` method below and show the tree that would be built by the following data lines. is the resulting tree a binary search tree, a full tree, and/or a complete tree?

30
15
4
Null
Null
20
18
Null
19
null
null
null
35
32
null
null
38
null
null



4 internal nodes

5 leaf nodes

is passes as a full tree

does not meet the requirements to be either binary search tree or complete tree