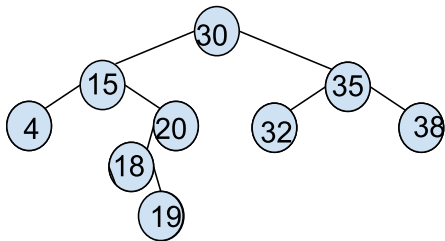


30  
15  
4  
NULL  
NULL  
20  
18  
NULL  
19  
NULL  
NULL  
NULL  
35  
32  
NULL  
NULL  
38  
NULL  
NULL

- 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. Considered 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?



This is a binary search tree, it is neither a full tree nor a complete tree