Operations Creations creating atree from empty Insertion: Adding a value inatree. Searching: Finding a key value. Deletion: Lemoving a value from tree Traversal. Accessing/visiting allvalues of at me once BST-Insert operation Insert- 45, 15, 79, 90, 10, 55, 12, 20,50



个件件件件件件

III.

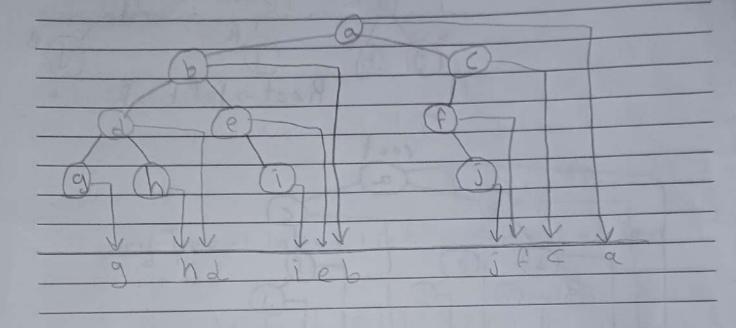
回

Binary Search Tree 18 About 178
Value of left child is smaller than root
Value of right Child is greater or equal to the roo
Scarching: Finding a Koy value.
Deletion: homeway ovalue to
Inversel - Accession withing a language tree ance
ena serta dul du anitim enies sa A Marrayan I
9 (7) MILA (13) NO HORAL - TOB
all values in right > voot
ex.
the root is 8 if I searching 14 I searching in the right.
is I Searching 1 I searching in the Lest.
we always have a hint.
insertion and deletion operations are faster in BST.



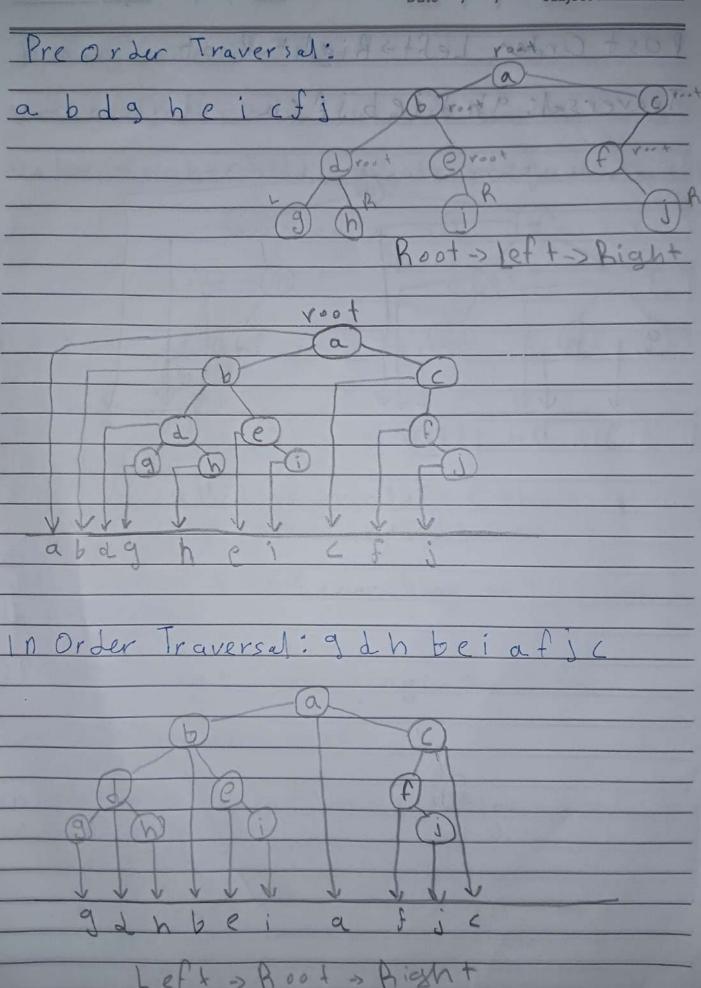
Post Order Left > Right > Root

Traversal: ghdiebifca



SITA DE LA DE LA PELA DE DE LA DESTA DEL DESTA DE LA D

The state of the s



2 3

19

19

II.

(A)

11

100

10

B

Ille

UE

Binary only one root Maximumz children per node Each node can have no child, one child Bluary Tree-Linked List Implement at ion Binary Tree Traversal Preorder: Boot-left-Right (a-b-c In Order: left-Root- Right (b-a-c Post Order: Left-Right-Root (b-c

[2] [2] [3] [4] [4] [5] [5]