4/4/20

## Data Structures

Yeishwarth.

Quiz

1 In Order - AKBJCLDEHGFI

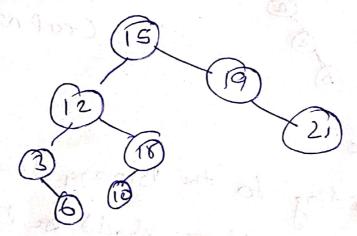
Pre Order - Lik, A, J, B, C, I, H, E, D, F, G

B) Post Order - A, B, C, J, K, I, D, E, F, G, H, L

Breath First Order-

LKIHAJEFGBCD.

(2) The final tree would be

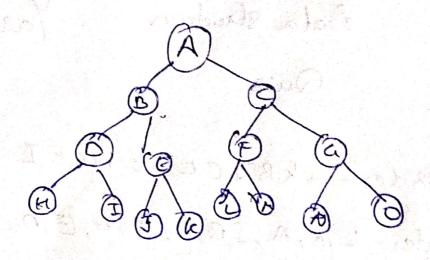


This is not AUL Tree.

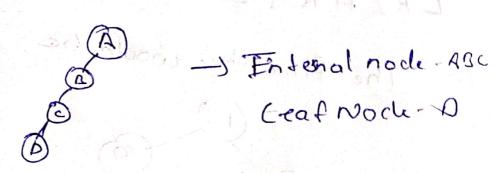
Height of the flee -3

The largest number of node-2-1

Smallest number of node-2-1



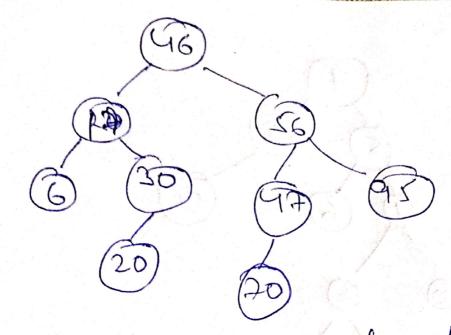
Internal Node-BCDEFG Leaf Node-HIJKLMNO The with smallest number of Addesy



(4) False.

According to the Binary search, the left children should be less than the left node. Root wode Should be less than Right children.





As you we can see in the above Ex, B is the smallest number which will not be printed first according to the post order traversal.

Post order - 46 17 6 24 20 56 47 95 70

3 [2 ] 3 | 5 | 10 | 8 | 7 | 22 | 11 | 13 | 20 | 24 | 16 | Null |



