TREES

-> Banics -> Traversal V Proorder

Inorder

Postorder

Postorder

ABFS - Level Order Traversa

Height of Tree

TREES

-> Banics -> Traversal V Proorder

Inorder

Postorder

Postorder

Postorder

A BFS - Level Order Traversa

Height of Tree Height of the Tree

no. of levels

WI 1

WI 2

Height = 3

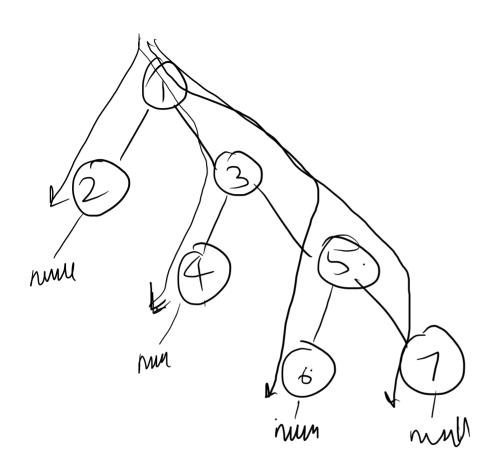
Height of the Tree

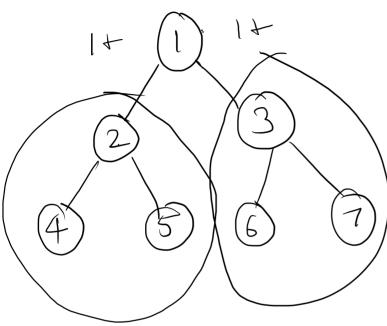
no. of levels

WI 1

WI 2

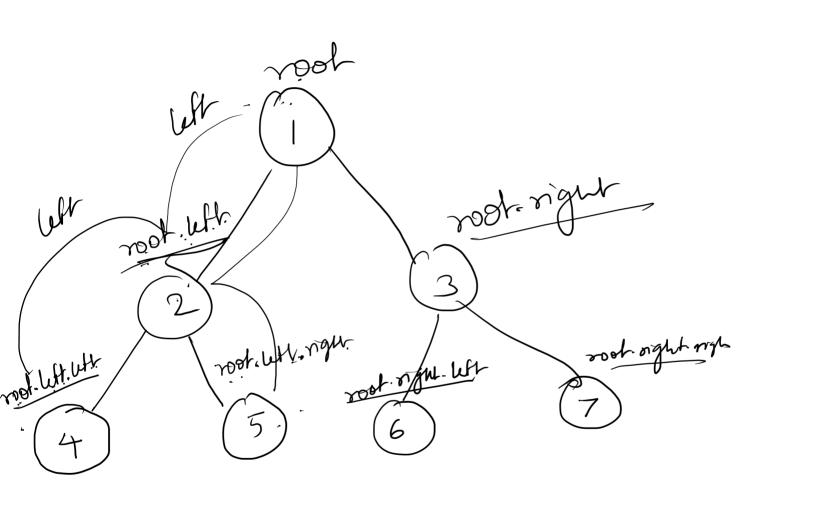
L1 Binony Tree - Yes

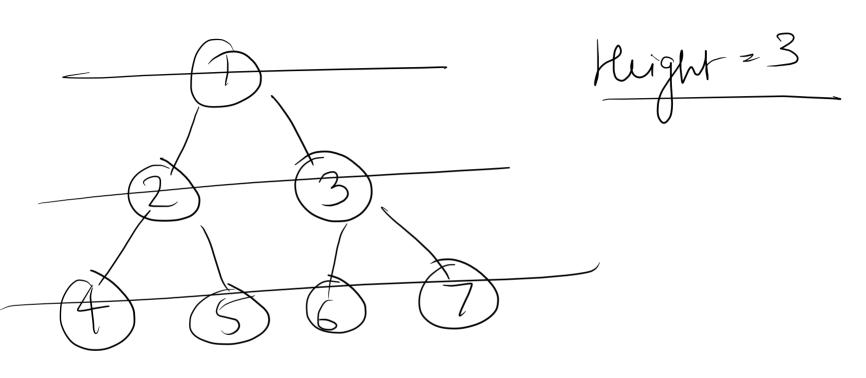




+ bottom bree buy hugh =

Marx / height (lift 700 max(0,0)2 = 2 max(1,1)z1+2 = 3 max(1,2)+ Ó 0

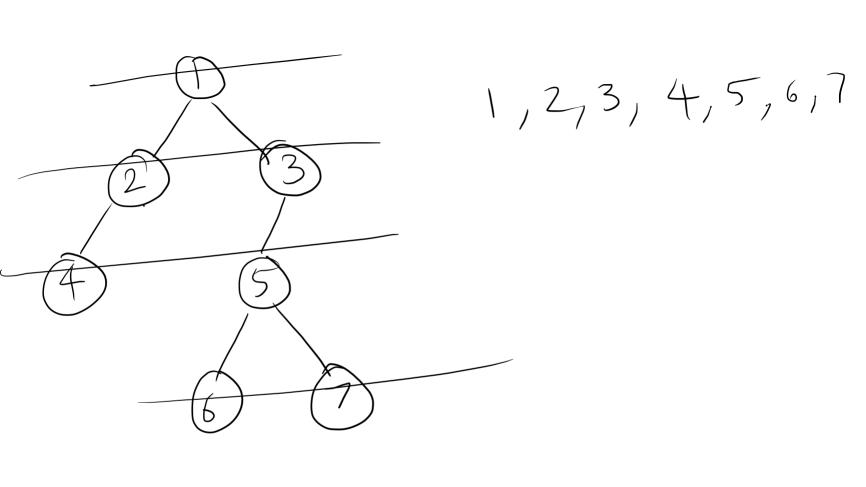


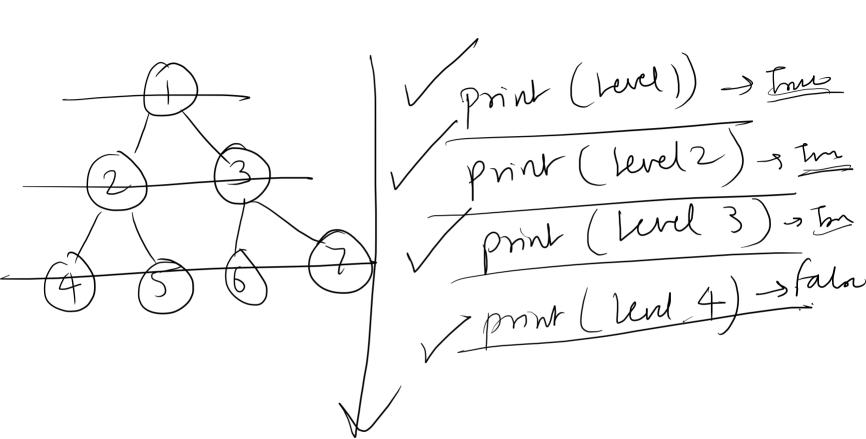


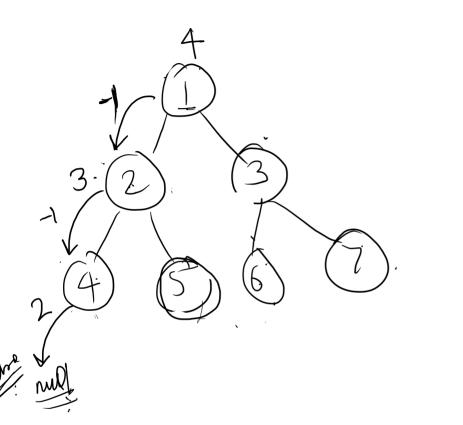
BFS Bread

Breadth First Search





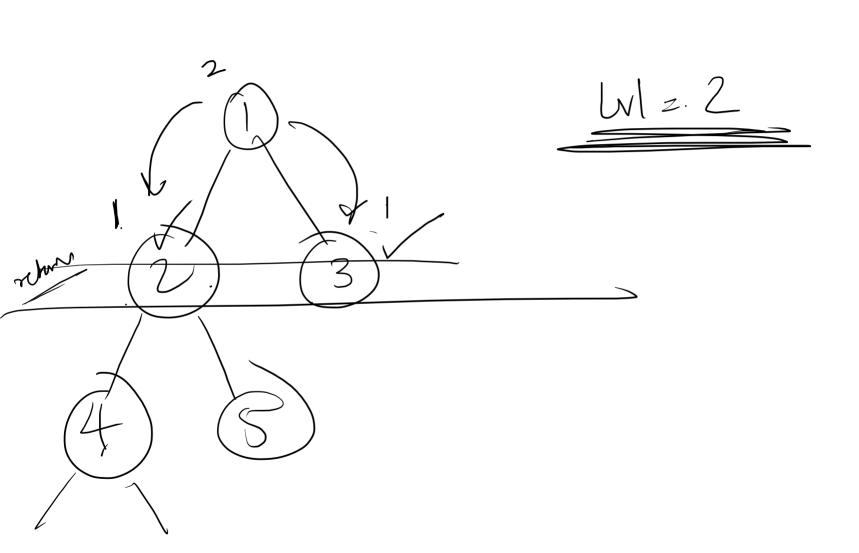


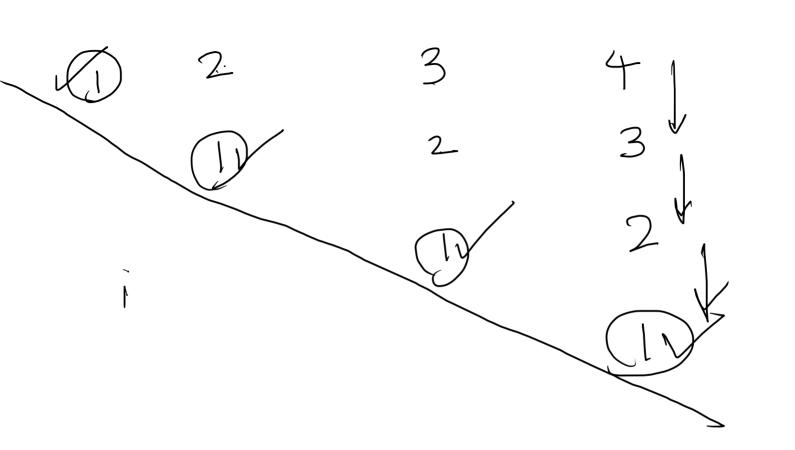




1,2,3,4,5,6,7

W = >





$$n com = 1$$

T.C=
$$O(n \times n) = O(n^2)$$

Aux space = recurring O(n)
Stack

123 L=3 La -