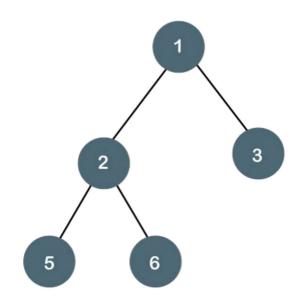
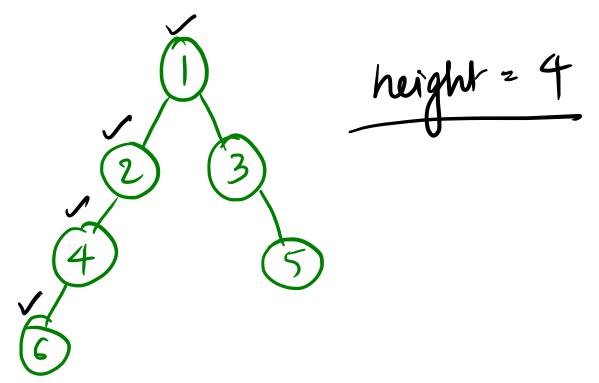
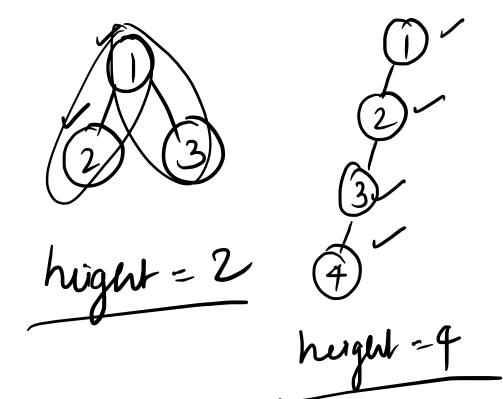
Interview Problems TREES

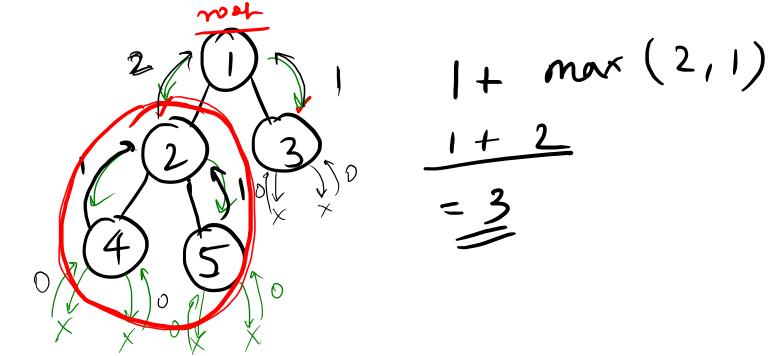
By Gladden Rumao



1) Height of Tree (maximum depth of Binary Tree) height = 3







max(3,2)

max(3,2)

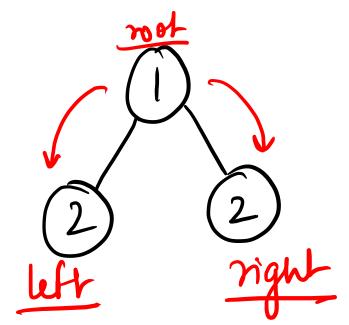
return 1 + marx (hught (noot.left), higher (noot.new)

$$TC = O(n)$$
 $SC = O(h)$

(recursive stact space)

 $\approx O(n)$
 $h = n$

Symmetric Tree



2001 L = R·R

it (left = = null 22 night == null) (left = z nul | nght == nul) rehem false if (left.val [= right= val)

schum False

TC = O(n) SC = O(h) (h > height of tree) (recursion stack space)