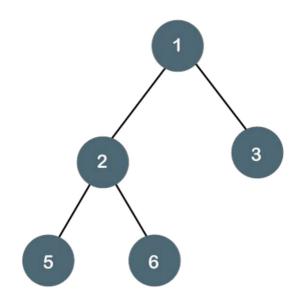
Interview Problems TREES

By Gladden Rumao

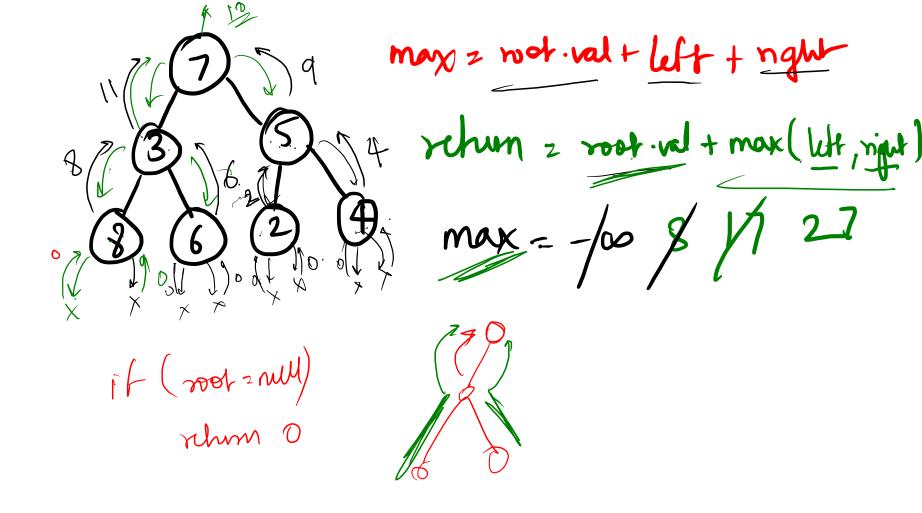


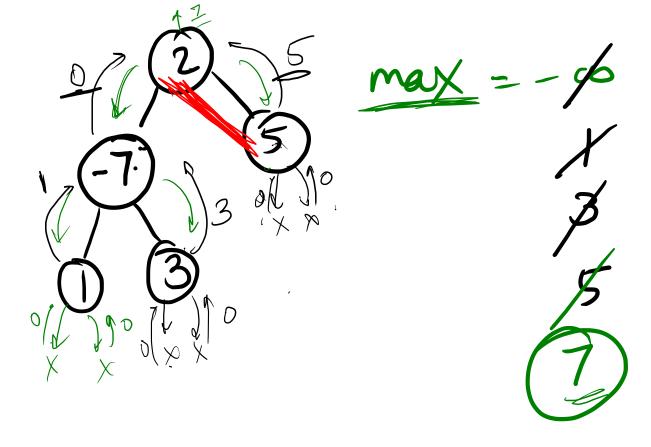
1 Diameter of Tree

height (left) + height (right) max (lift, right) heigh max = 1 3 it (not == mill)

Diameter = height (left) + height (right)
height = 1 + max (hugh (left), hugh (right))

TC = O(n) SC = O(h) (recursive stack space) aximum Path Sum roof.val max24 10 root, ral + max (lift, nght)





TC = O(n) SC = O(h) (recursive shack space)