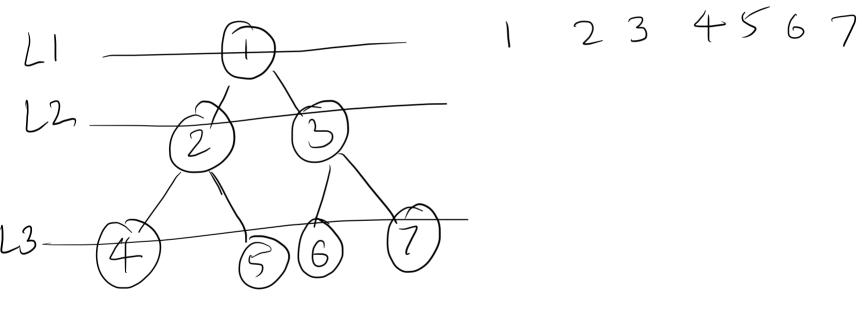
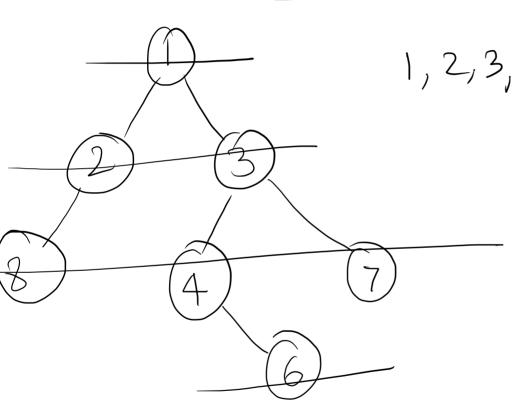
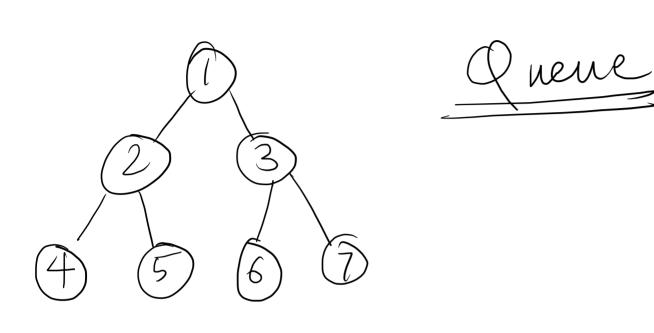
Level Order Traversal

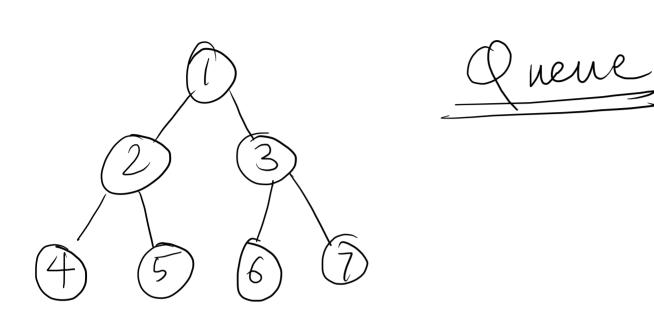


Level Order 1,2,3,8,4,7,6

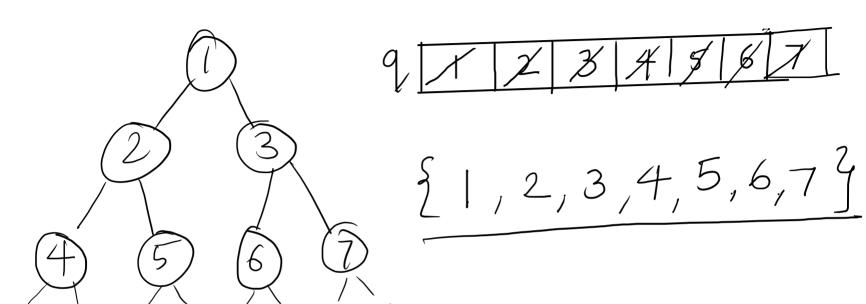




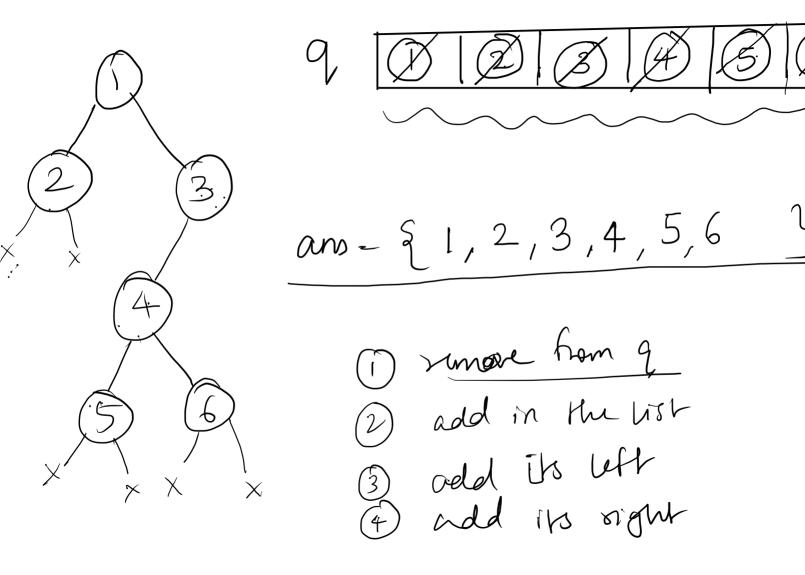
First come, first serve



First come, first serve



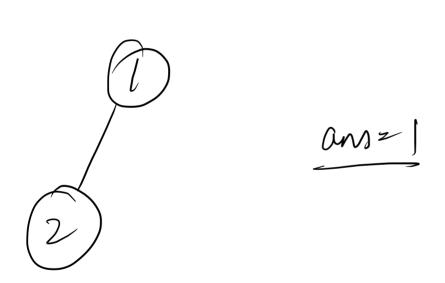
First Out (FIFO)

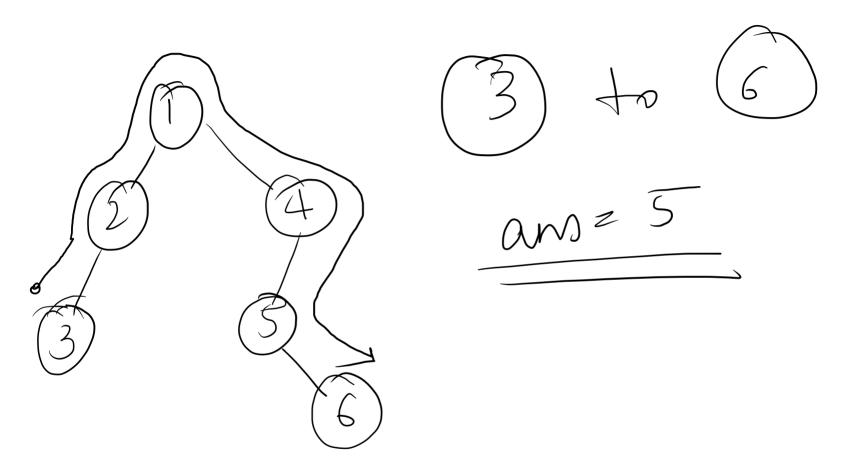


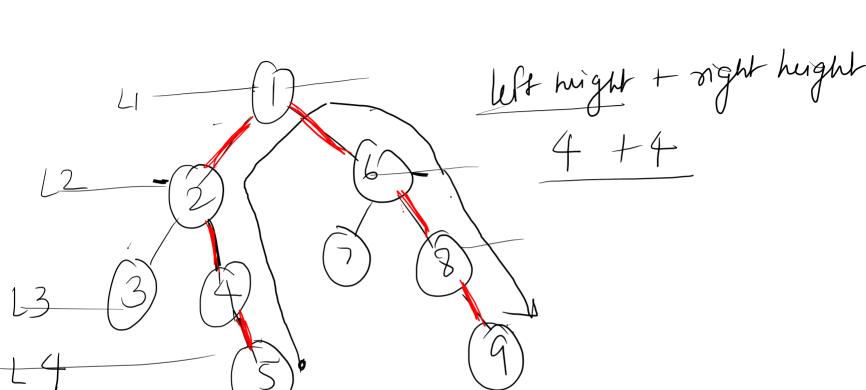
$$\frac{T \cdot c = O(n)}{S \cdot c} = o(n)$$

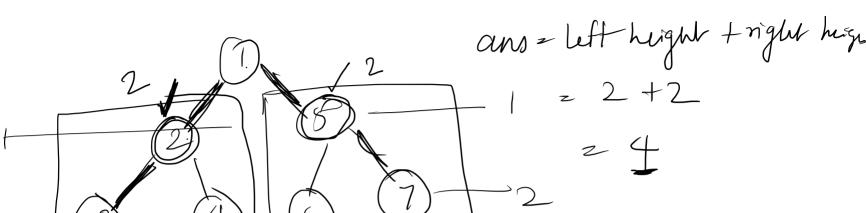
(q+hist)

Diameter of Tree

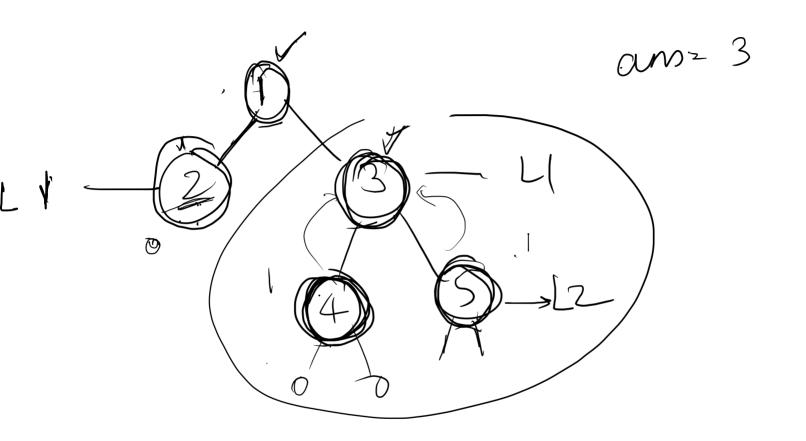








height = 1 + max (Lht + Rht)



height = 1 + max (lh, rh)

diameter = lh + rh

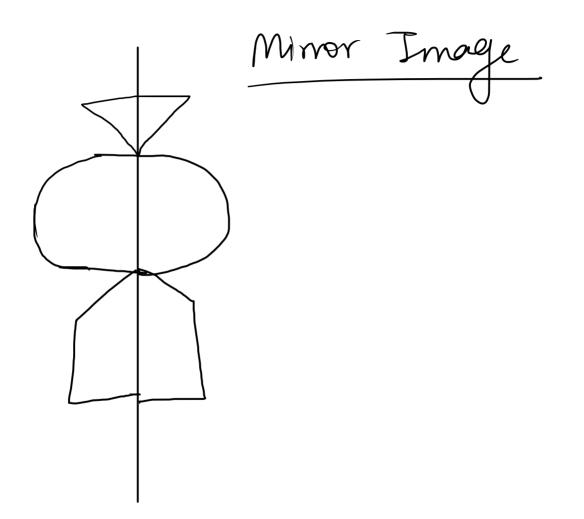
•

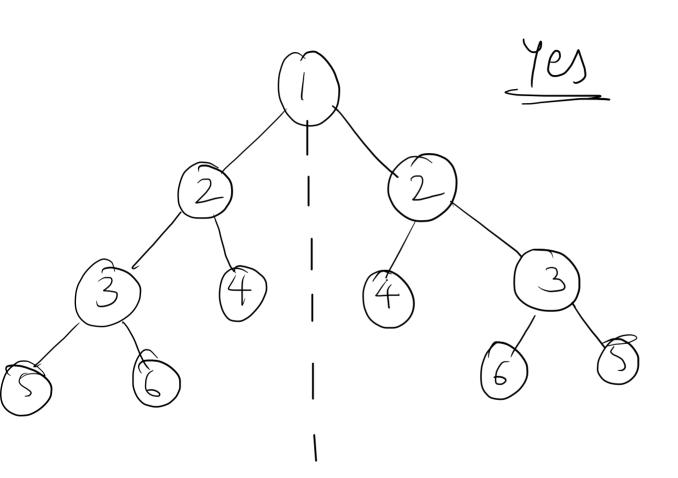
T = 0

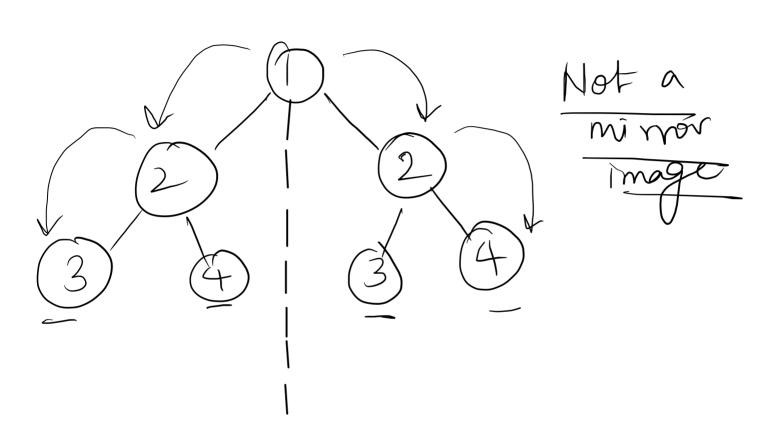
sc = 0(h)

T-C = 0 (n)

sc = 0(h)



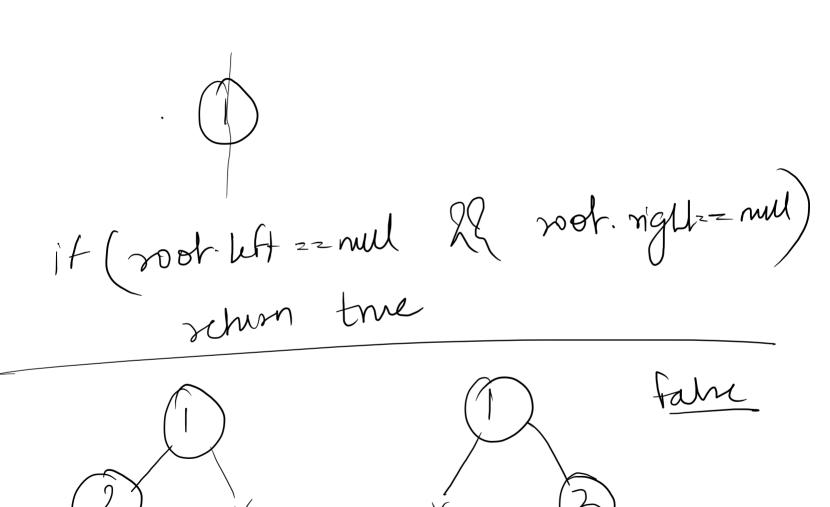


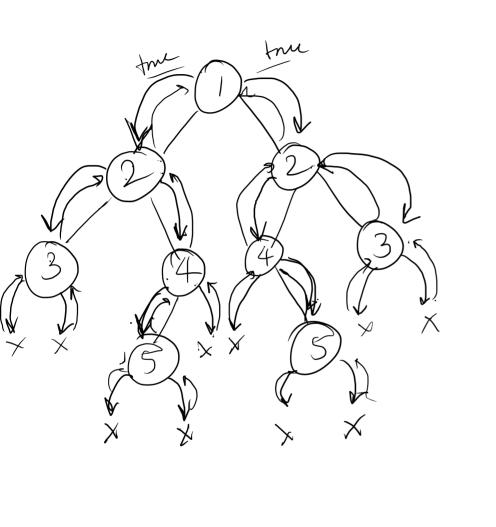


rook. left.val = rook. right.val

rook. right.val

rook. right.val





left > right right > teft nght 2 left 2 nghl

