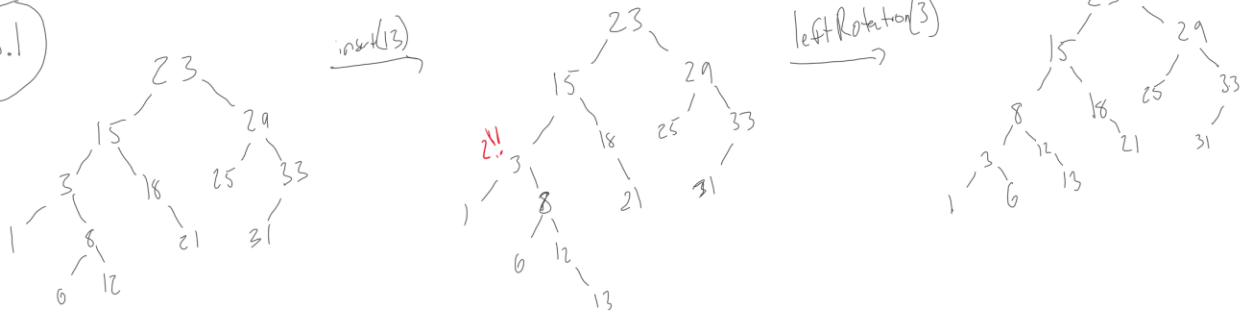


1.1 -1

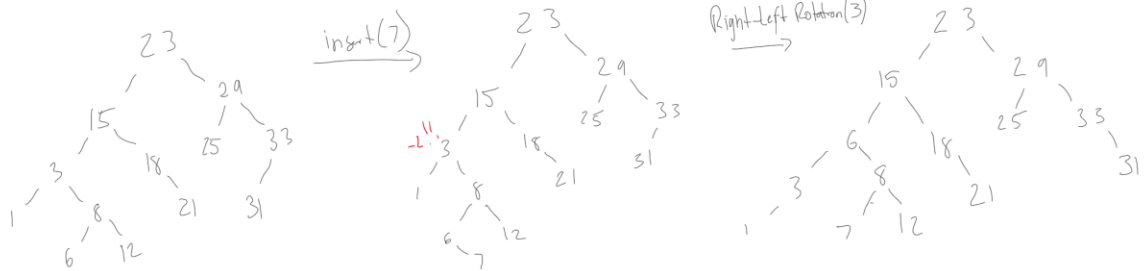
1.2 2

2 D

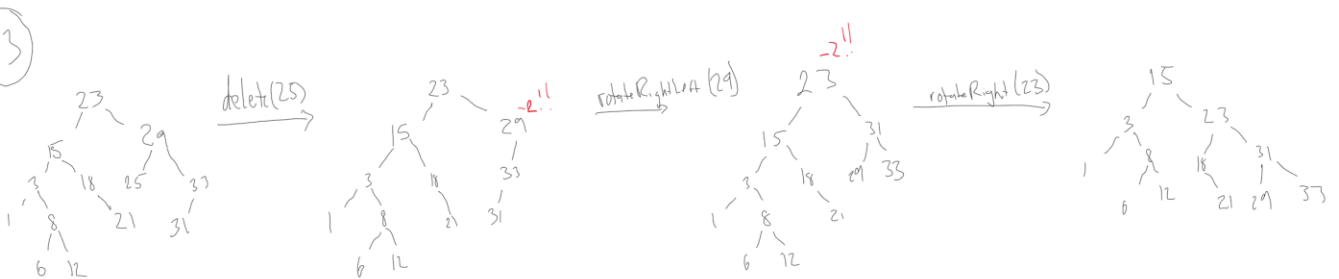
3.1



3.2



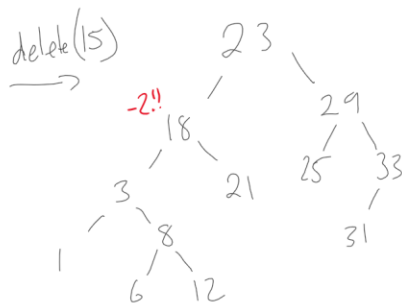
3.3



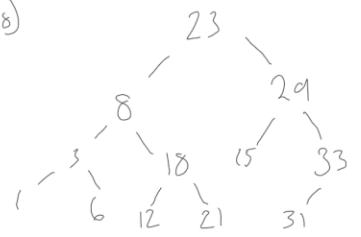
(3, 4)



delete(15)



Left-Right Rotation(18)



(4) true

(5) -1

(6) Avg case Space =  $O(n)$

Avg case delete =  $O(\log n)$

Worst case delete =  $O(\log n)$