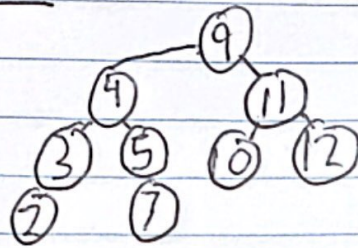
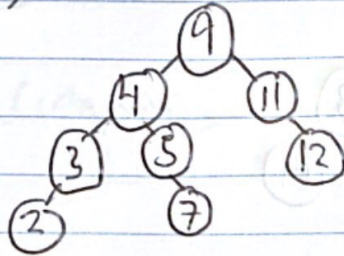


# Problem 1

Given

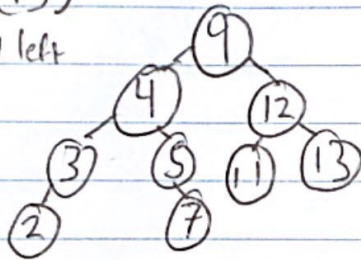


remove(10)



Insert(13)

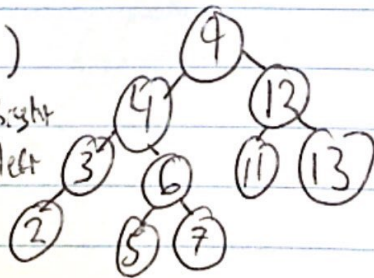
• rotate 11 left



Insert(6)

• Rotate 7 Right

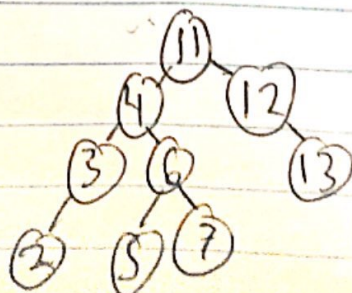
• Rotate 5 left



Remove(9)

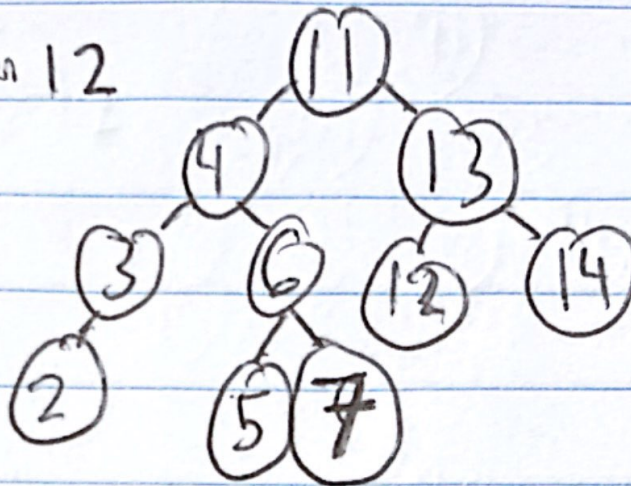
• Replace 9 with succ, Delete.

succ(9) = 11.



Insert(14)

• Left rotate on 12



Remove(11)

• Replace N with succ

$\text{succ}(11) = 12$

