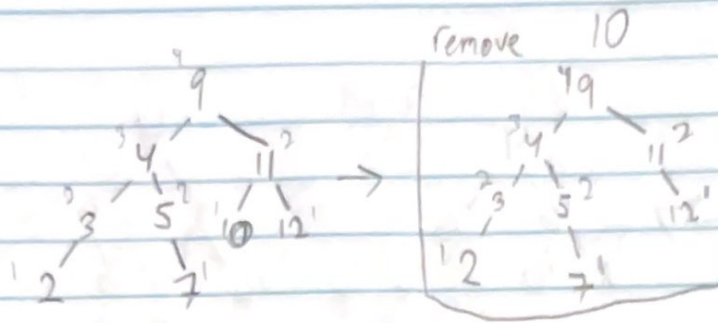
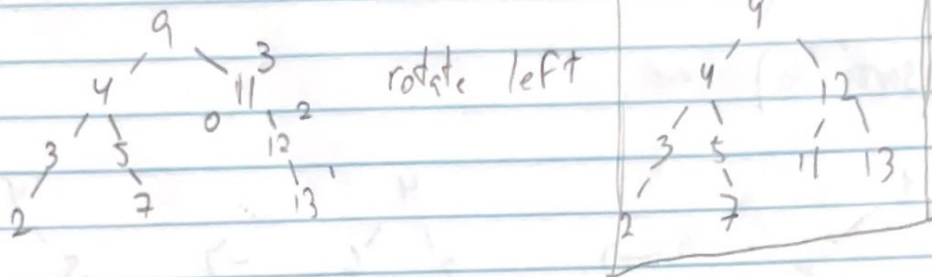


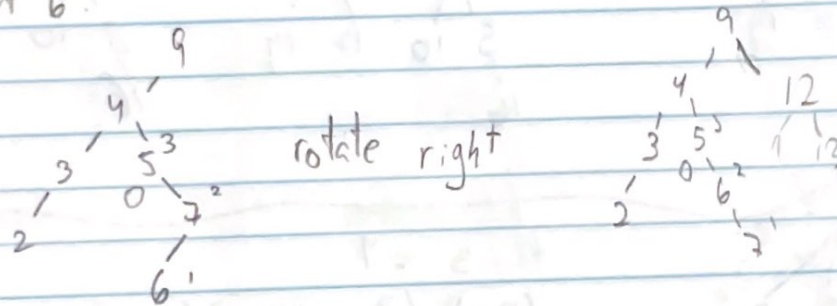
HW4



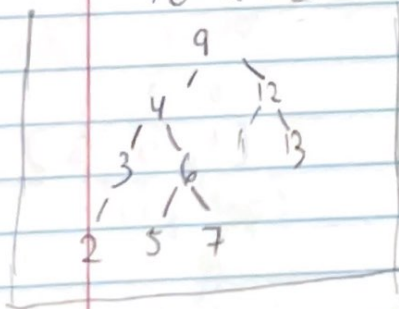
Insert 13:



Insert 6:

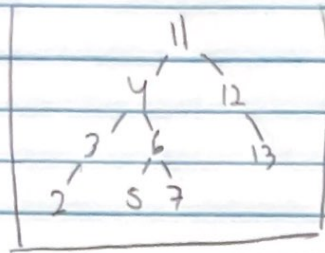


rotate left

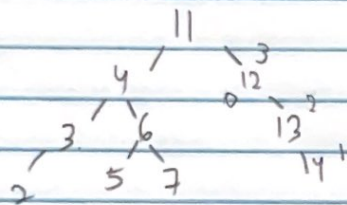


Remove 9.

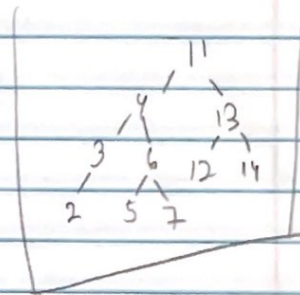
Successor: left-most node of the right subtree: $\text{succ}(9) = 11$
promote it.



Insert 14.



rotate left



Remove 11.

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

