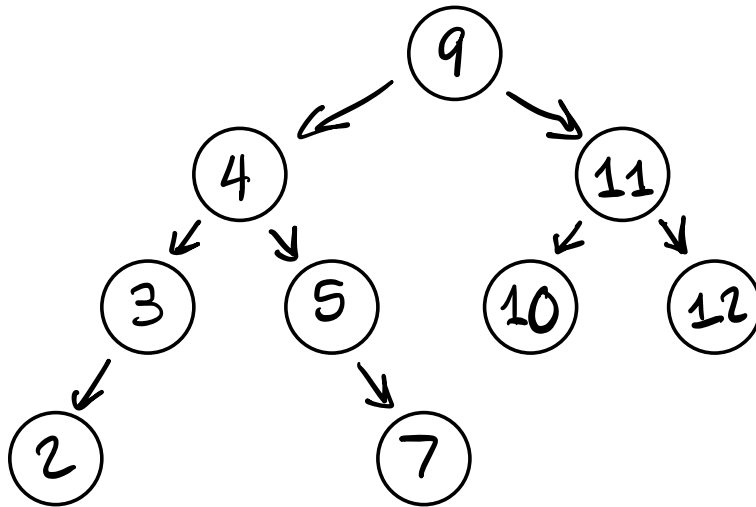
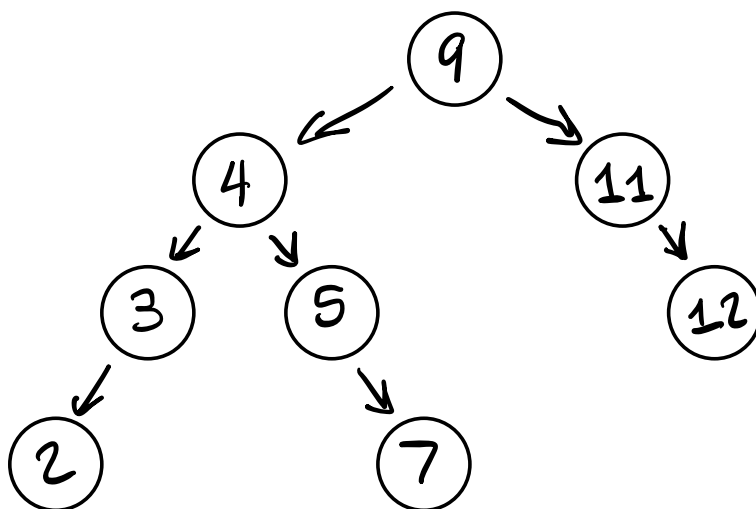


# Problem 1 - AVL Operations

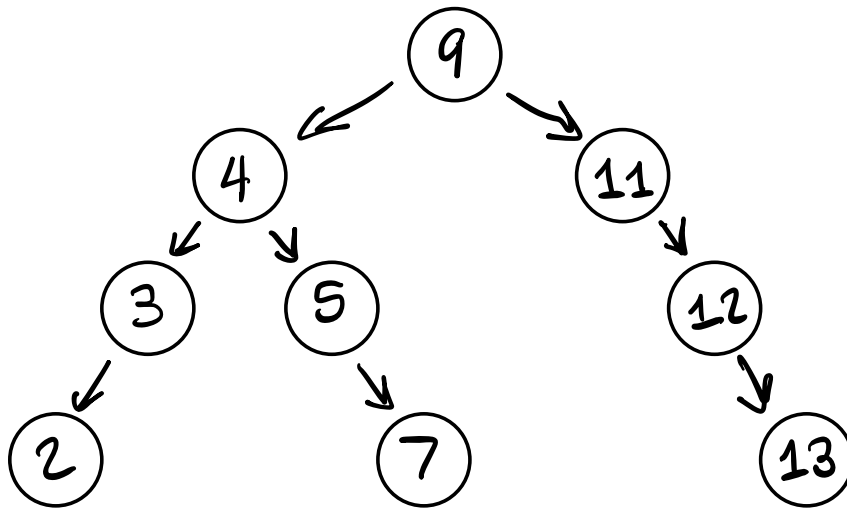
Original Tree:



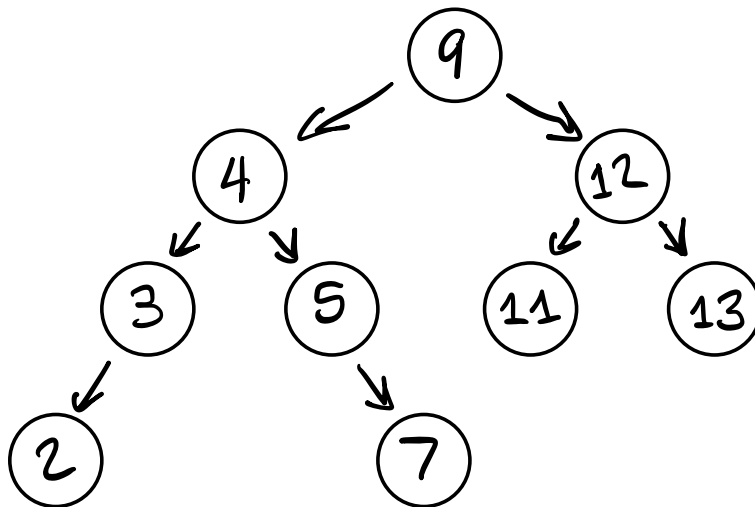
Remove 10:



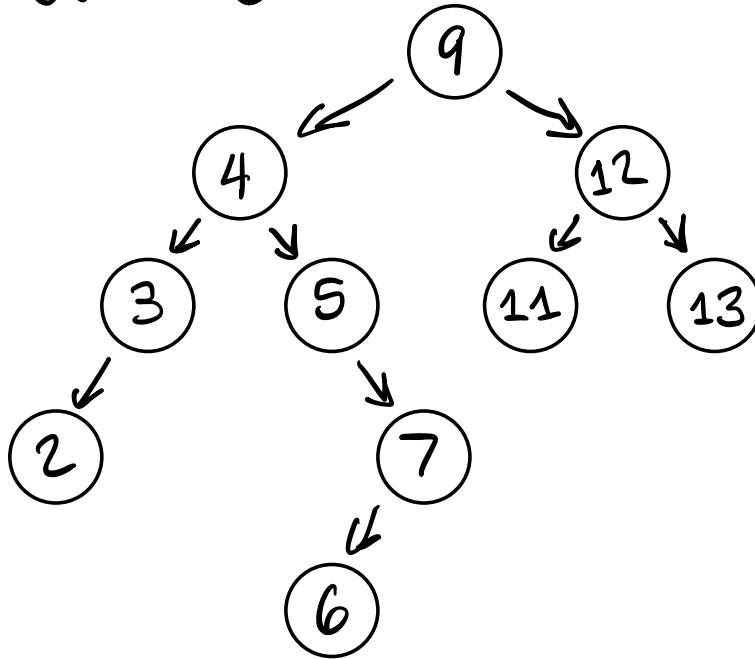
# Insert 13



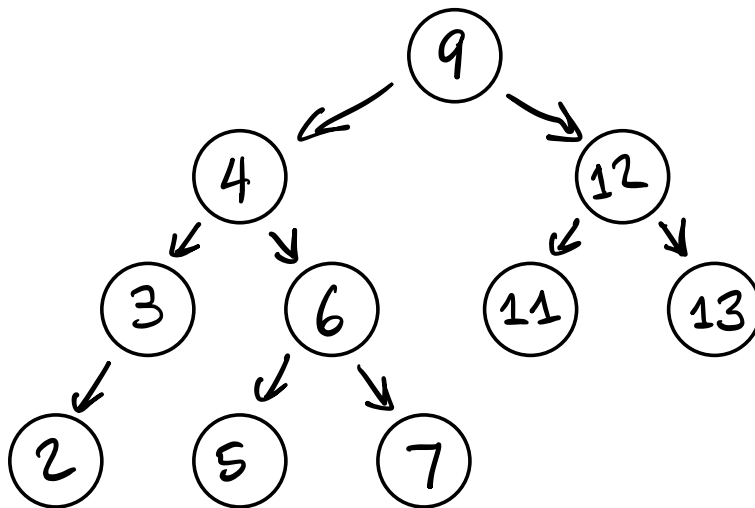
Flip here



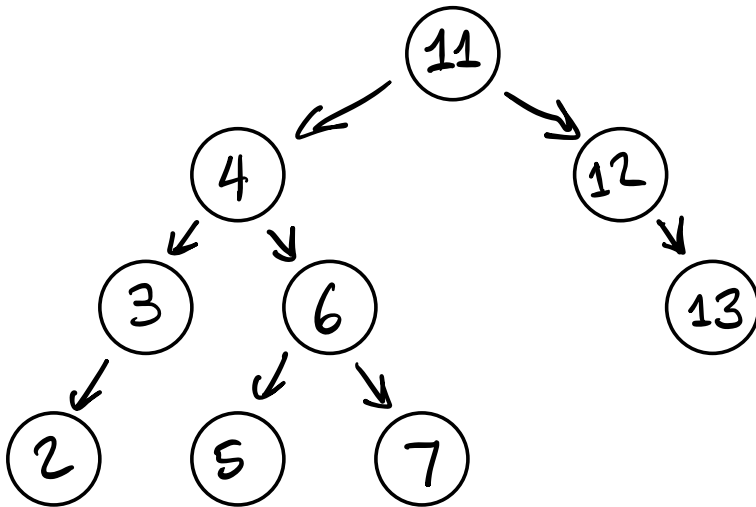
Insert 6



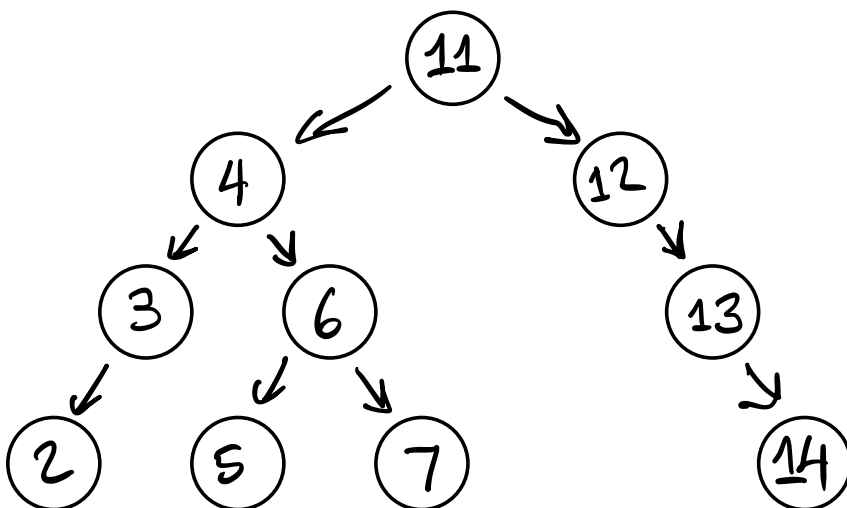
flip here



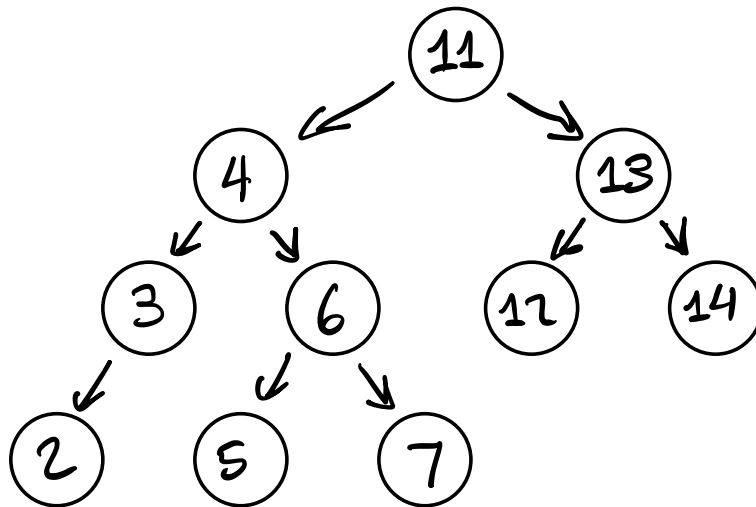
Remove 9  
- move up 11



Insert 14



flip here



Remove 11  
move up 12 just like when  
removing 9

