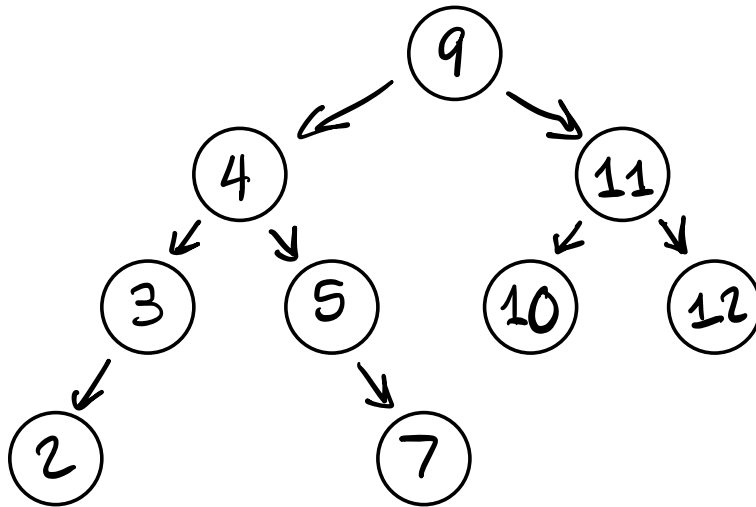
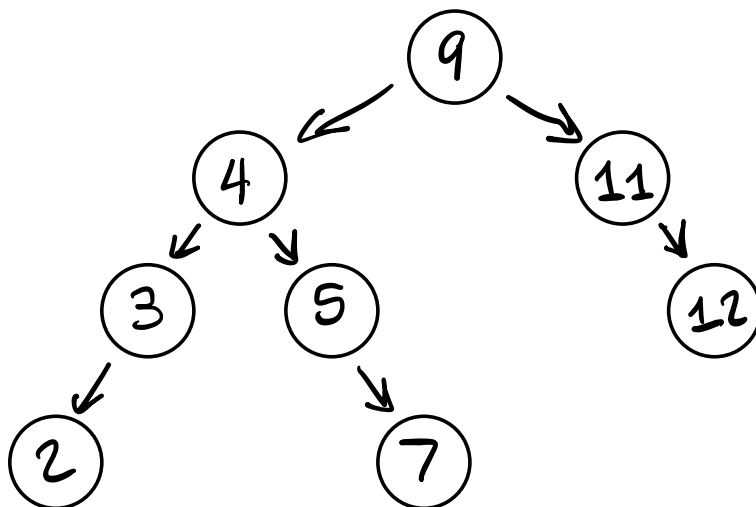


Problem 1 - AVL Operations

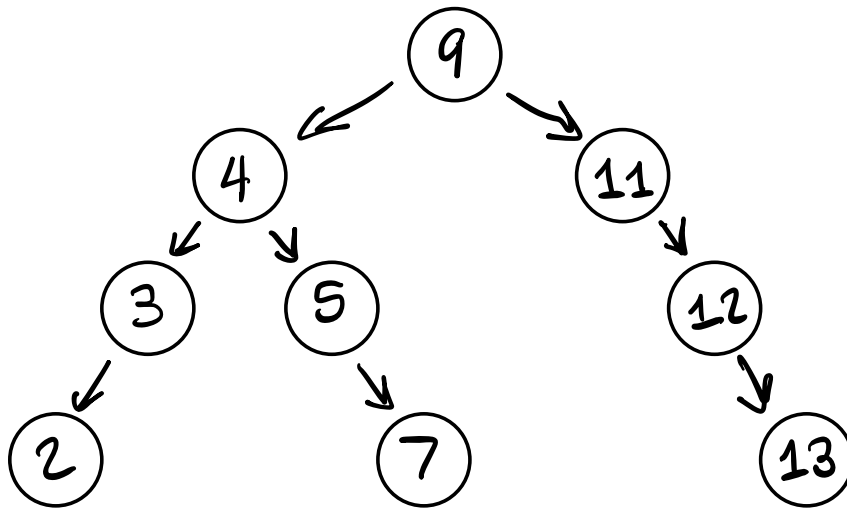
Original Tree:



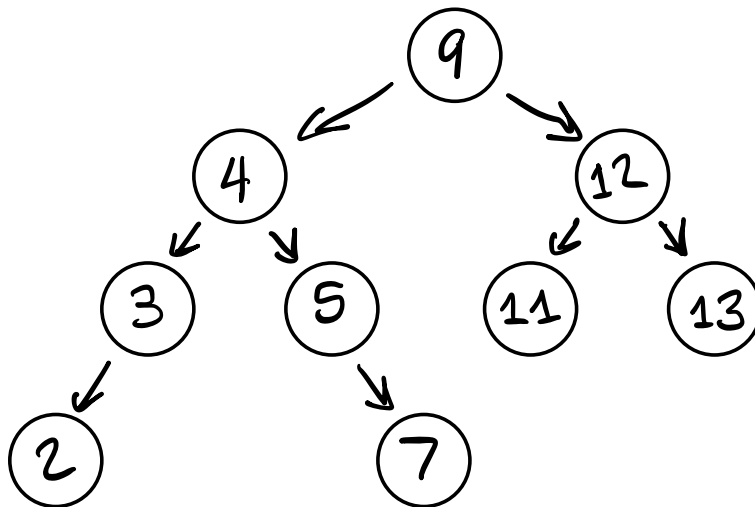
Remove 10:



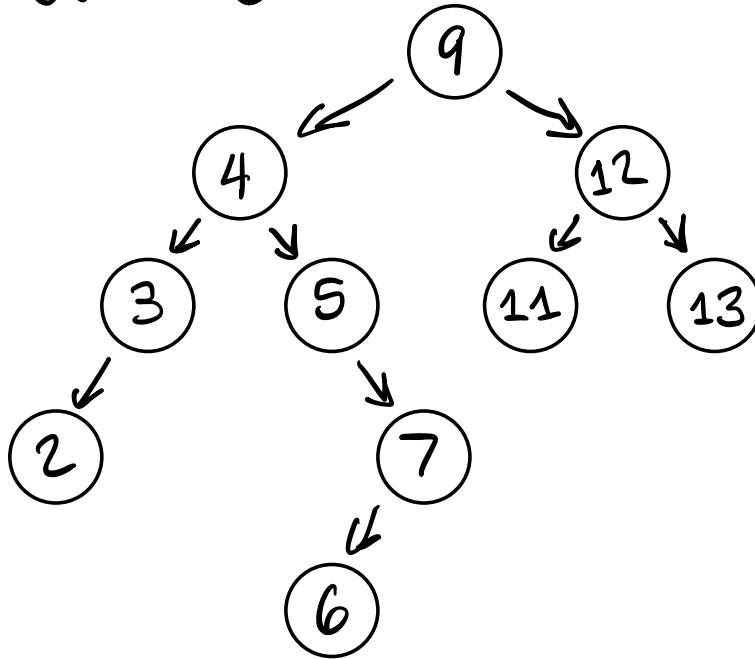
Insert 13



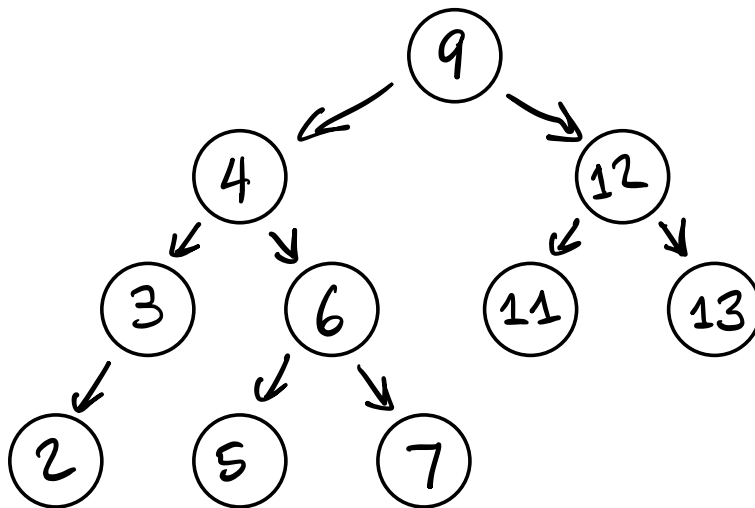
Flip here



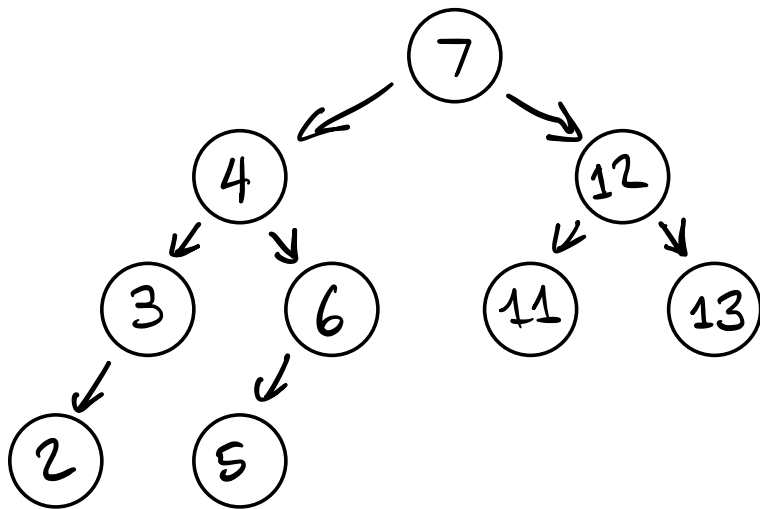
Insert 6



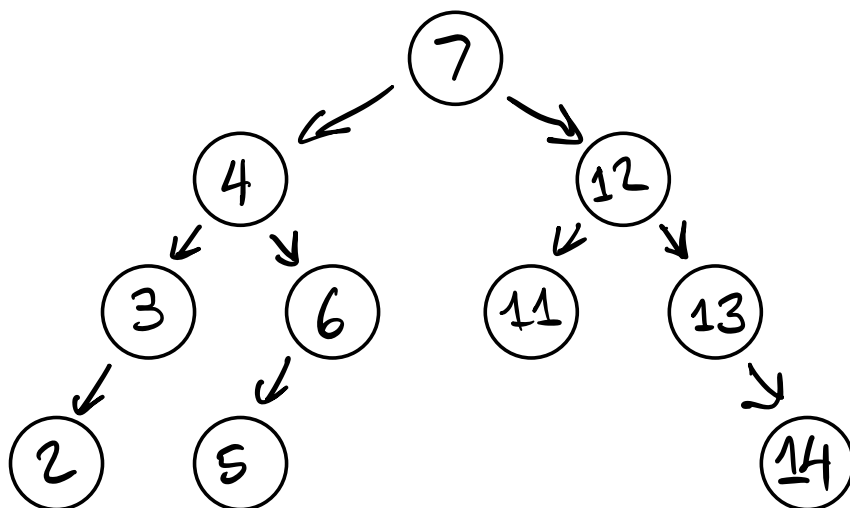
flip here



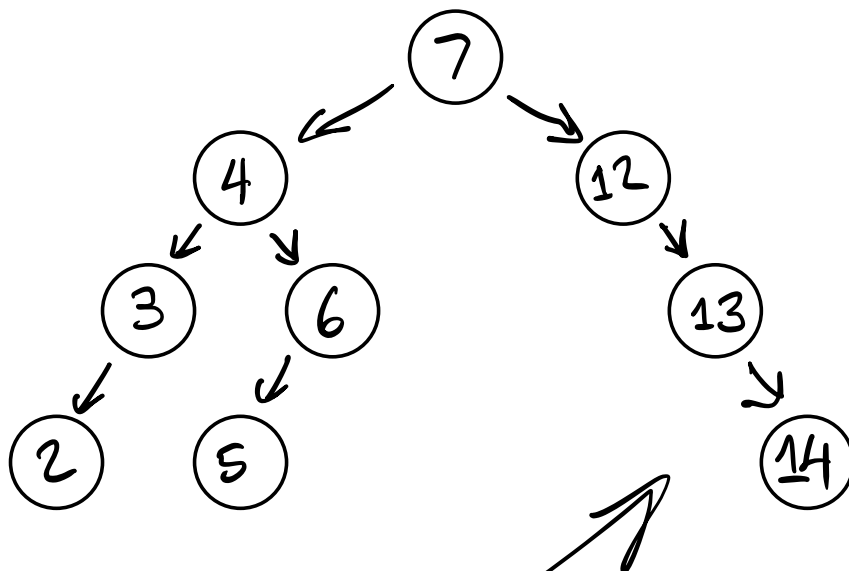
Remove 9
- move up 7



Insert 14



Remove 11



Flip

Final
Answer:

