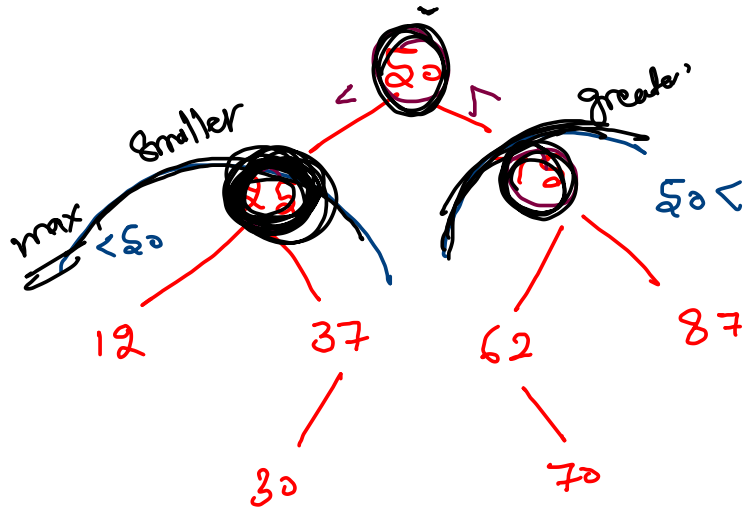
Is Binary Search Tree



1. value < root.data ⟶ left side
2. value > root.data ⟶ right side.

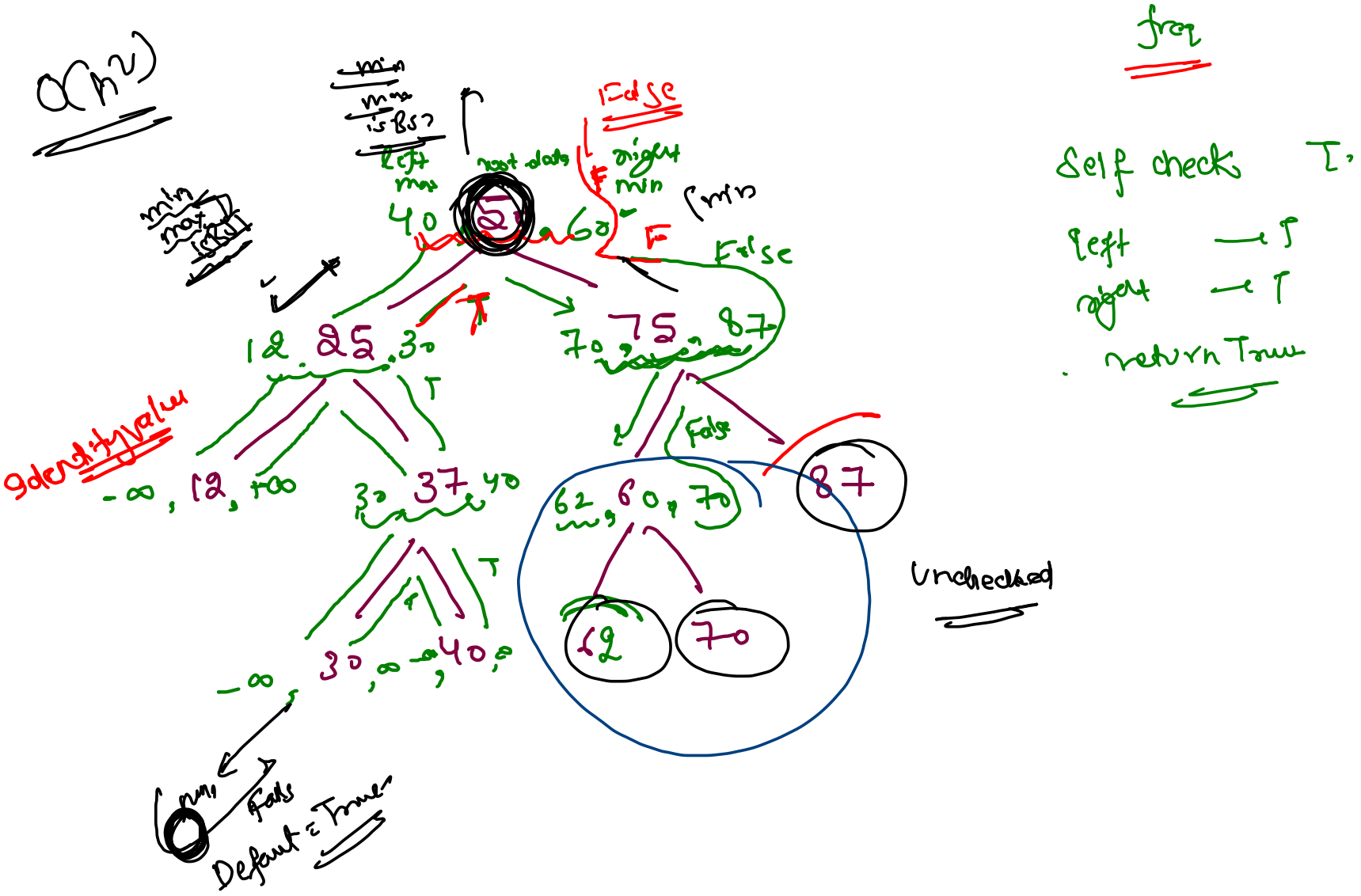
To check is BST

Common mistake
⇒ root.left.data < root.data < root.right.data

Solution: (Check on every node)

left → max < root.data

right → min > root.data



for

Self check T.

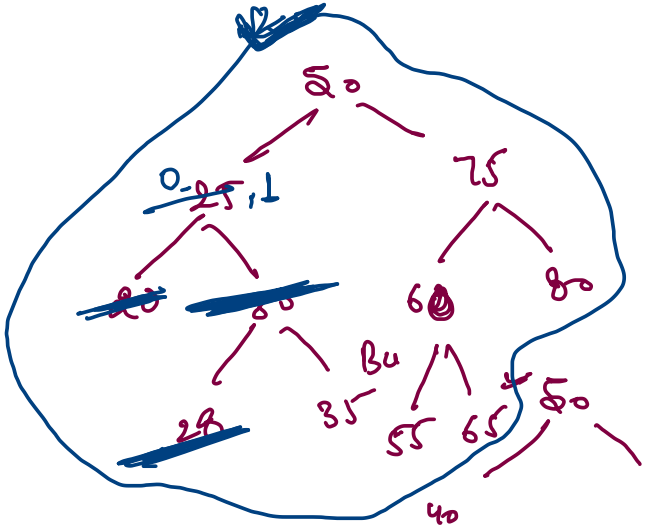
left → T

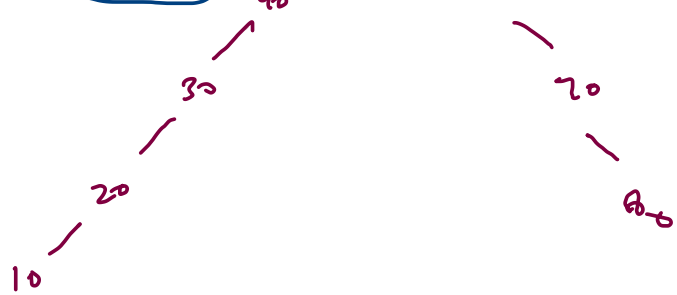
right → T

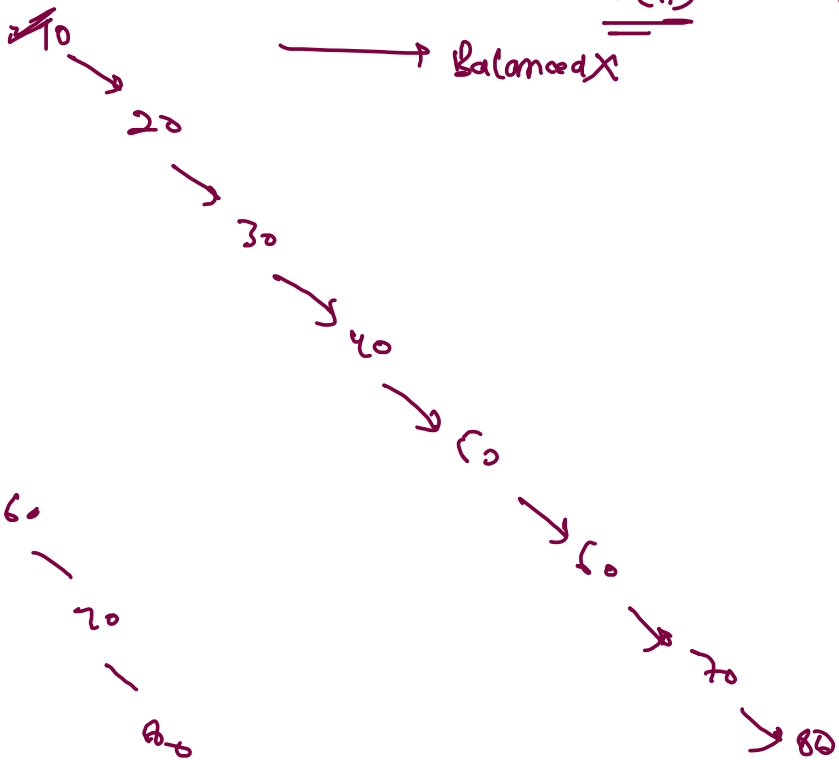
return True

Is Balanced

$\boxed{-1, 0, 1}$







→ Balanced ✗

$O(n)$

higher - $O(n)$