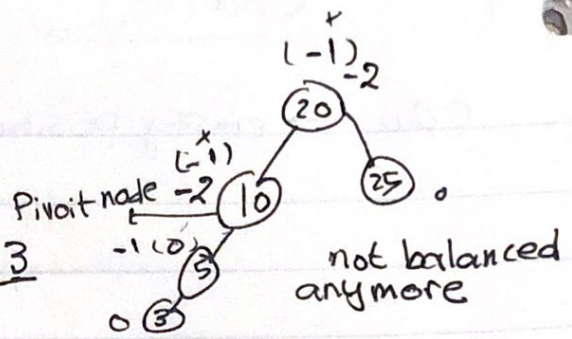


10 is the pivot of 3
 10 will be -2
 Pivot node is just rebalanced ~~and~~ add 3

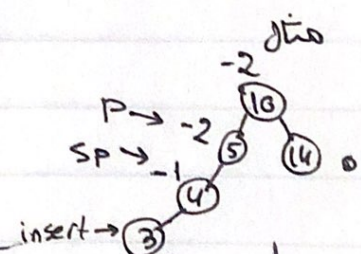
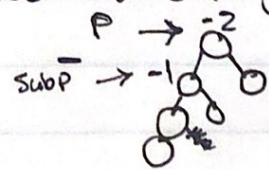
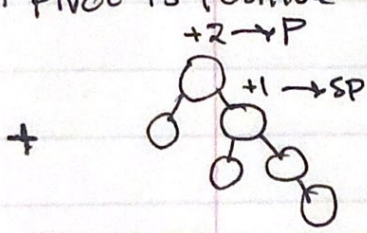


it a node in the search path that has ~~to~~ balance ± 1 closest to the ~~the~~ inserted node

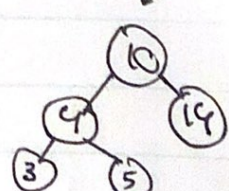
after
 Note*: Pivot node is picked ~~before~~ insert & before rebalancing
 the tree = the path
 Sub

Left-Right rotation \Rightarrow the right first then left
 Right-left Rotation \Rightarrow the left first then right
 SP: Subpivot LR: Left P: Pivot

if Pivot is negative the Subpivot will be is the left child
 if pivot is positive subpivot is the right child



after the rotation
 RR



PC(x):	+2	-2	+2	-2
SP(x):	+1	-1	-1	+1
we do:	LR(P)	RR(P) SubP is Right left	① RR(SP) ③ LR(P)	① LR(SP) ② RR(P)