

b) Insert 30, 40, 60, 90, 65, 70, 50, 95, 75, 80, 110 and delete 65, 95, 75 from an initially empty 2-3 tree.

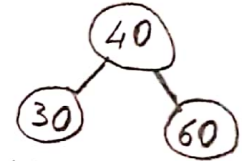
(30)



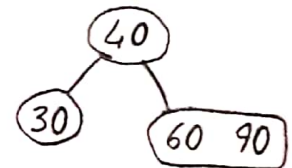
30 40



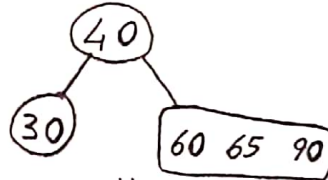
30 40 60



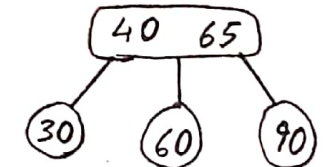
After inserting 60



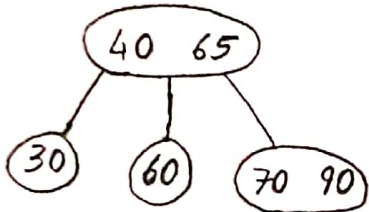
After inserting 90



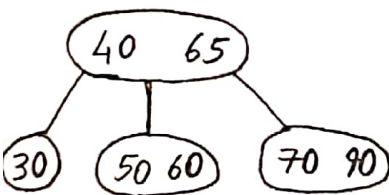
After inserting 40



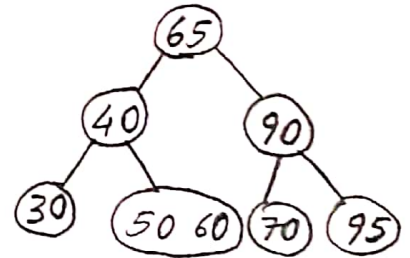
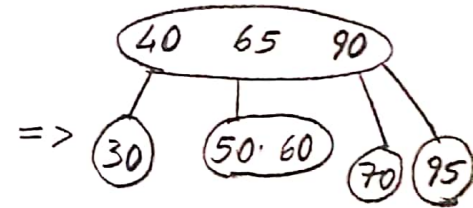
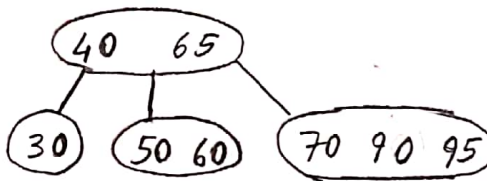
After inserting 65



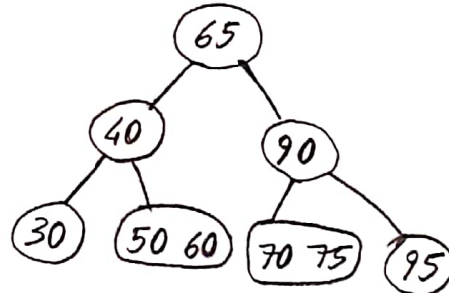
After inserting 70



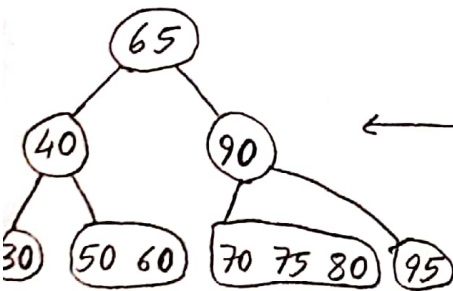
After inserting 50



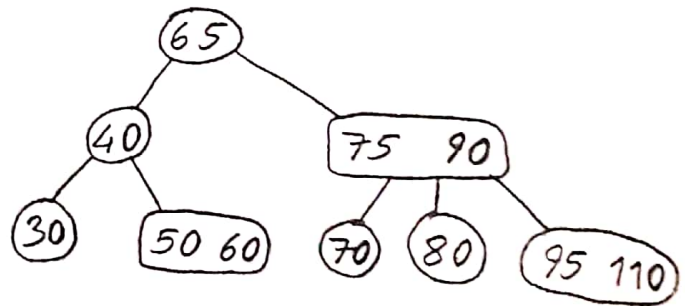
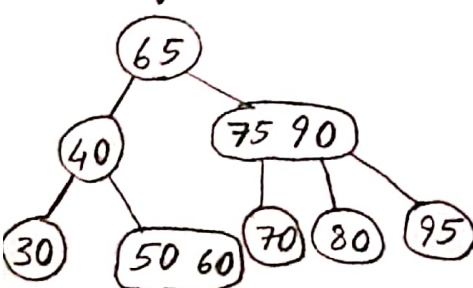
After inserting 95



After inserting 75

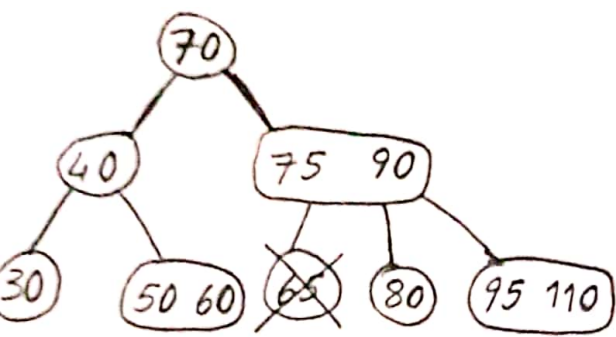


After inserting 80



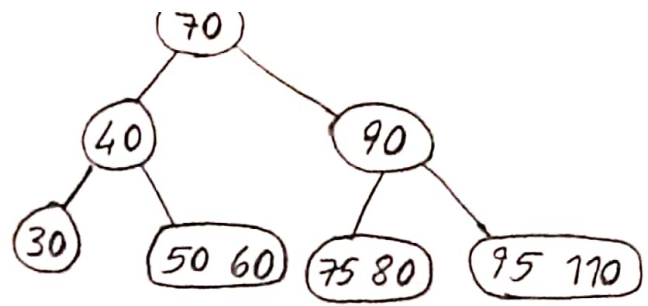
After inserting 110



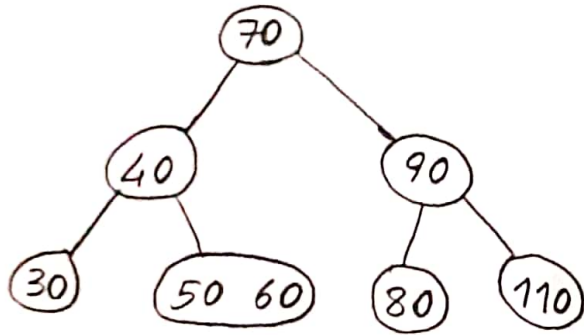


inorder successor = 70

=>

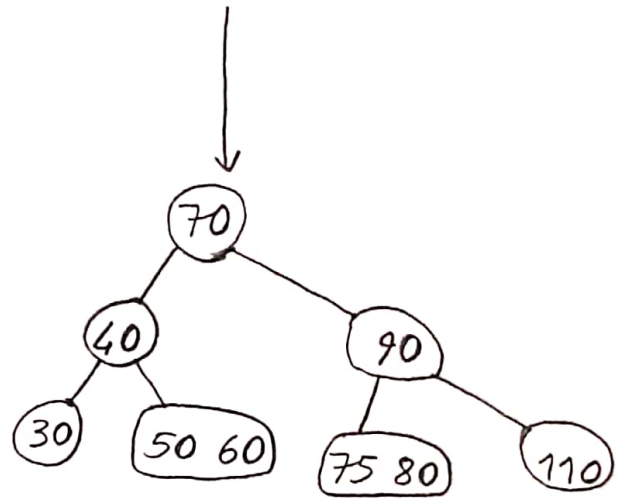


After deleting 65



After deleting 75

←



After deleting 95