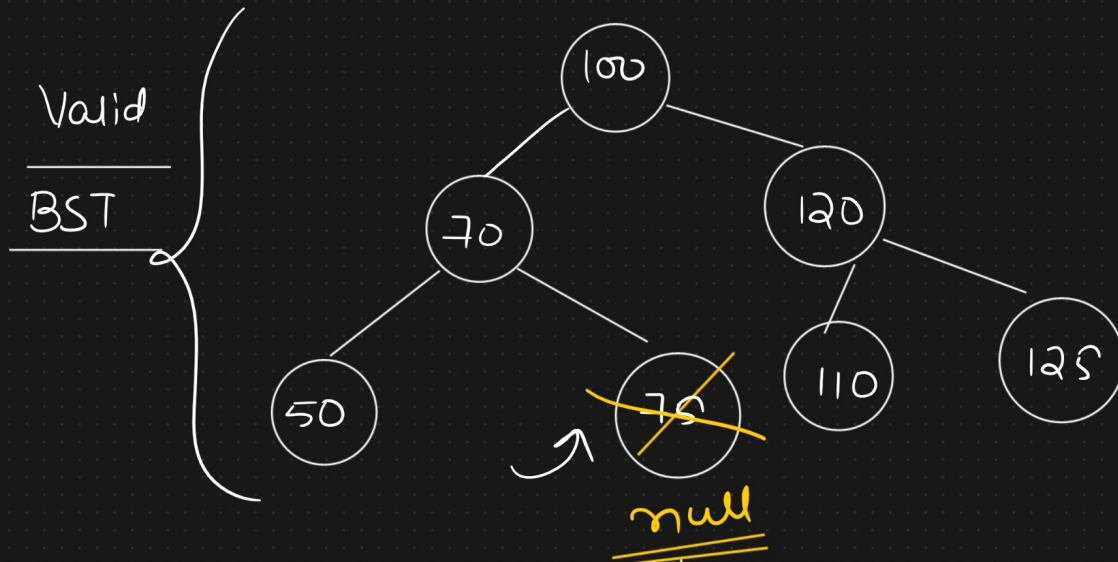


Deletion in BST

100, 70, 120, 50, 75, 110, 125



Case 1

$x = 75$

① Leaf Node



No child node

→ Search (75)

→ assign node = null

$x = 100$

② Non-Leaf node

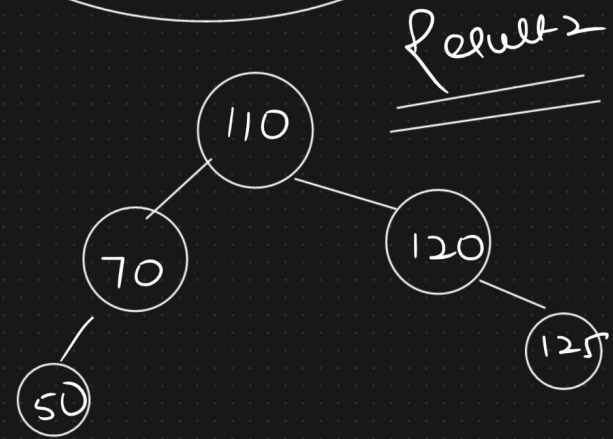
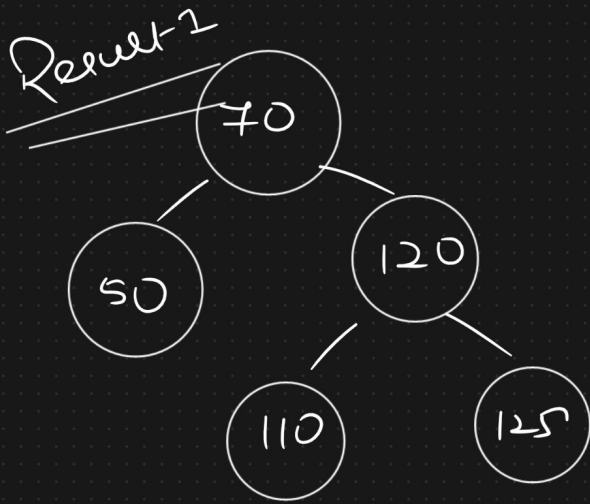
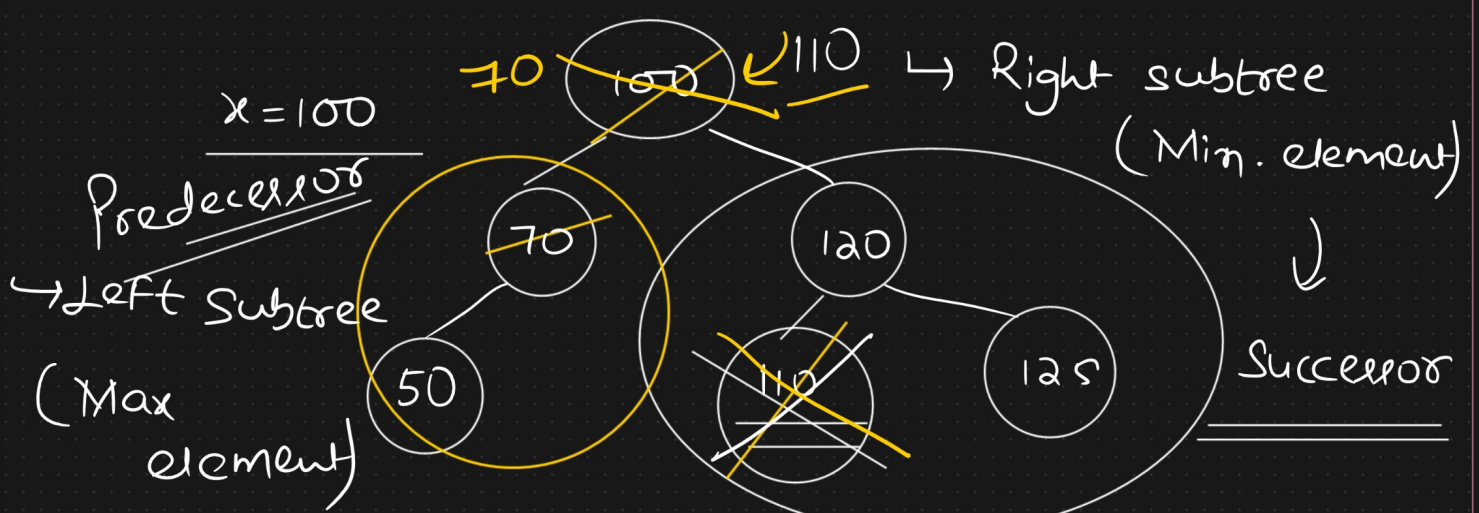
→ search(100)

→ Successor / Predecessor

↓
Right subtree
(Minime)

↓
Left subtree
(Maxime)

root.val



time complexity $\rightarrow O(h)$

space complexity $\rightarrow O(h)$

(Recursion)



Stack space