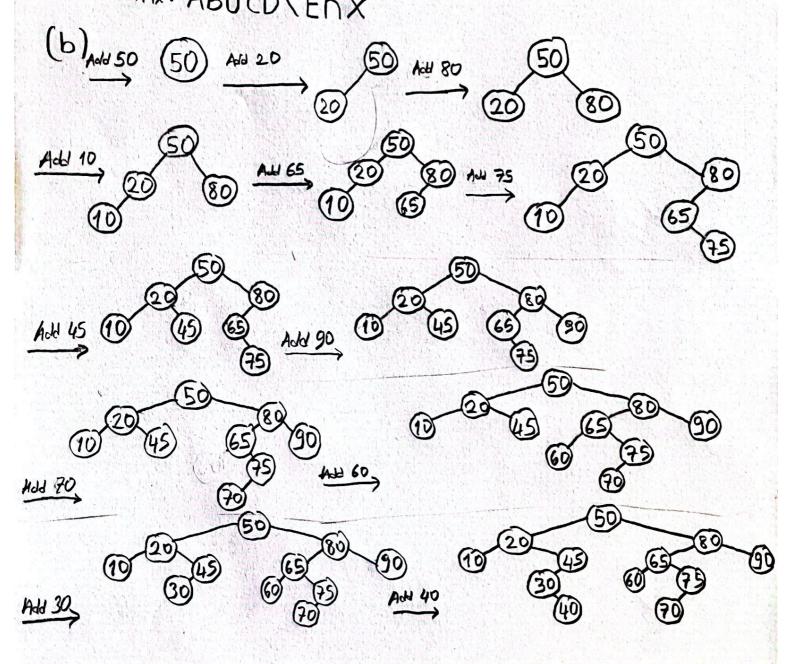
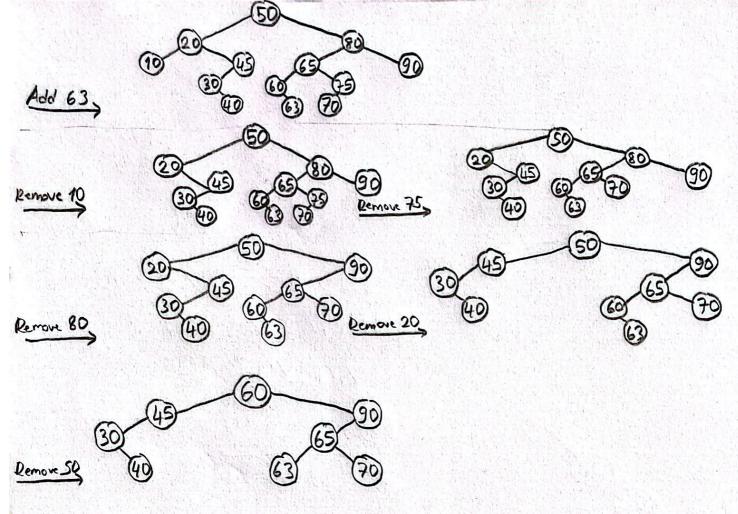
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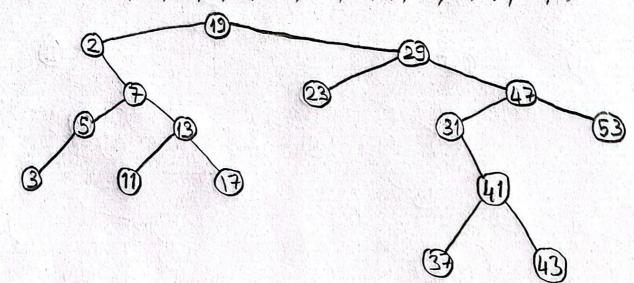
Question-1)

(a) Prefix: XUABNICDE
Infix: (AUB) x[(CID) nE]
Postfix: ABUCDIENX



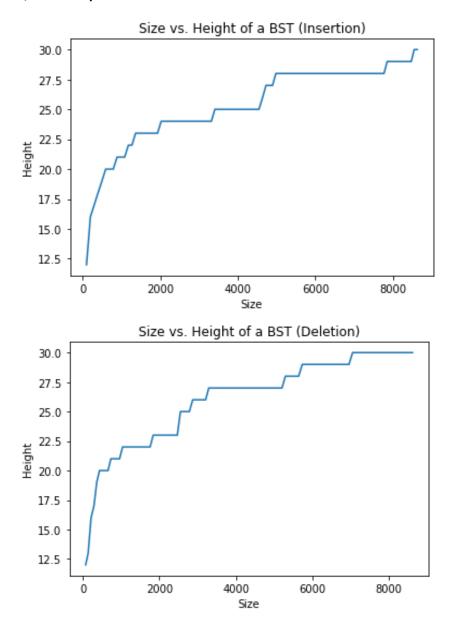


(C) Postorde: 3,5,11,17,13,7,2,23,37,43,41,31,53,47,29,19



So, preorder: 19, 2, 7, 5, 3, 13, 11, 17, 29, 23, 47, 31, 41, 37, 43, 53

Question-3)



As expected, while both inserting and deleting from the binary search tree, size vs. height turned out to be a logarithmic-like graphs.