

AVL Tree:

Q1- Insert the numbers from 1 – 10 in an empty AVL tree

Q2- Insert the following numbers in an AVL tree: 30 10 20 100 130 120 150 60 40 80 90 110 33

Q3-

I- Insert the following numbers in an AVL tree: 14 17 11 7 53 4 13 12 8

II- Remove from the above tree the following: 53 11 8

B+ Tree:

Q1-

I- Insert in B+ tree in Order 3 the following:

3,6,1,5,9,20,40,60,22,15,90,140,130,160,4,7

II- Then delete the following: 4,3,5,9,6,40

Q2-

I- Insert the following Keys in a B+ Tree of order 3. The tree is initially empty.

20, 50, 70, 75, 55, 25, 15, 45, 65, 53, 90, 95

II- Delete the following Keys from the B+ Tree you made in question 1.

20, 25, 90, 70