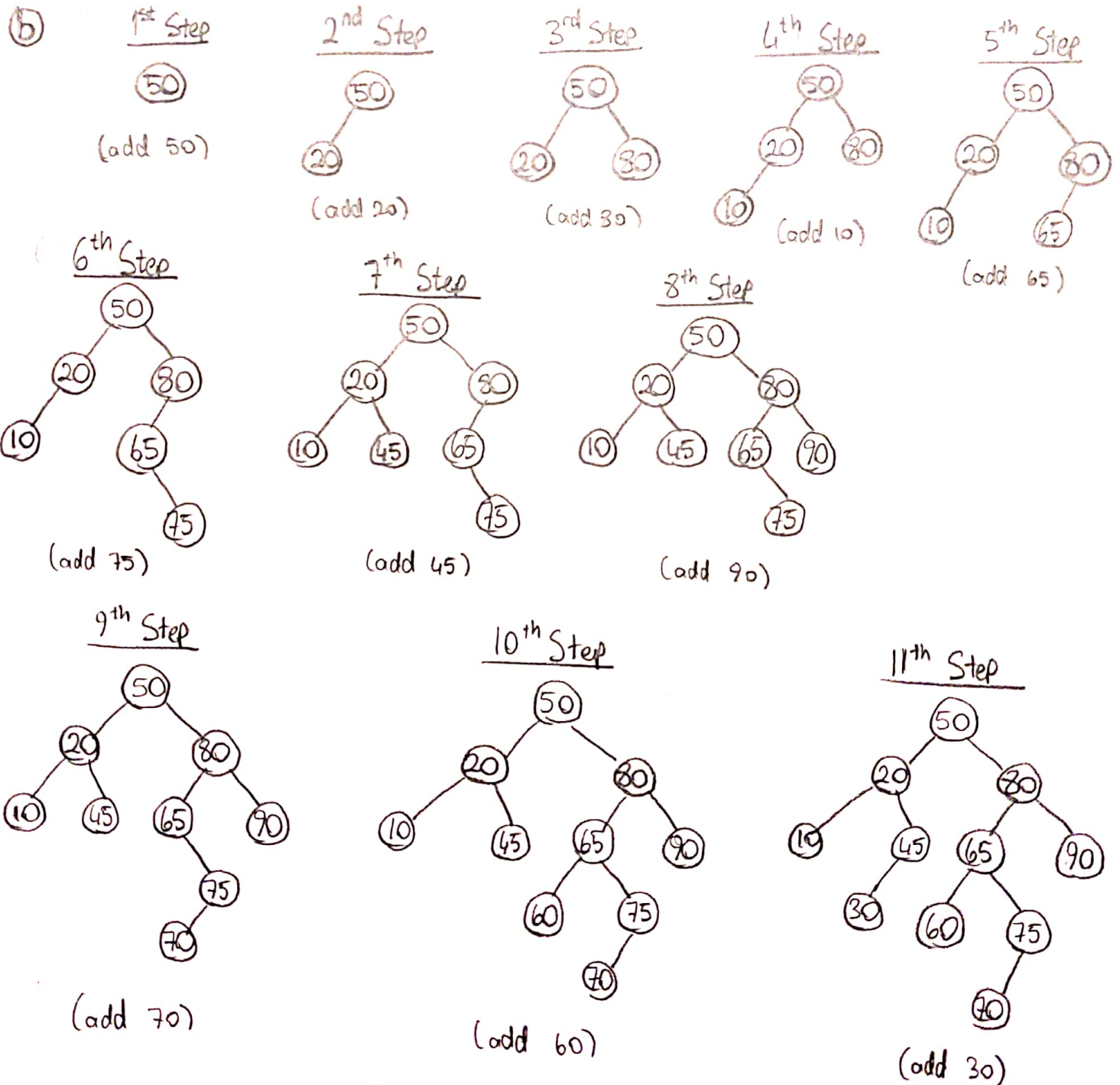
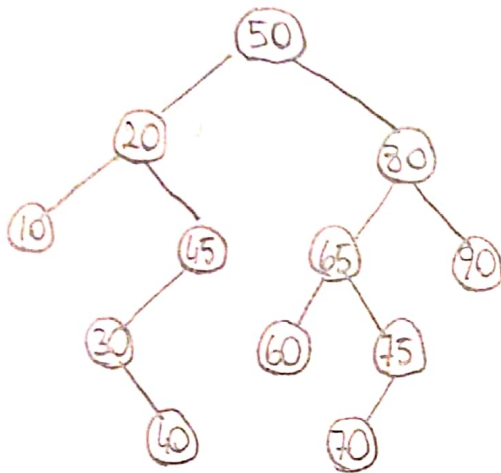


- a) Preorder (prefix): XUABN\CDE
Inorder (infix): (AUB)x[(C\D)NE]
Postorder (postfix): ABUCD\ENX

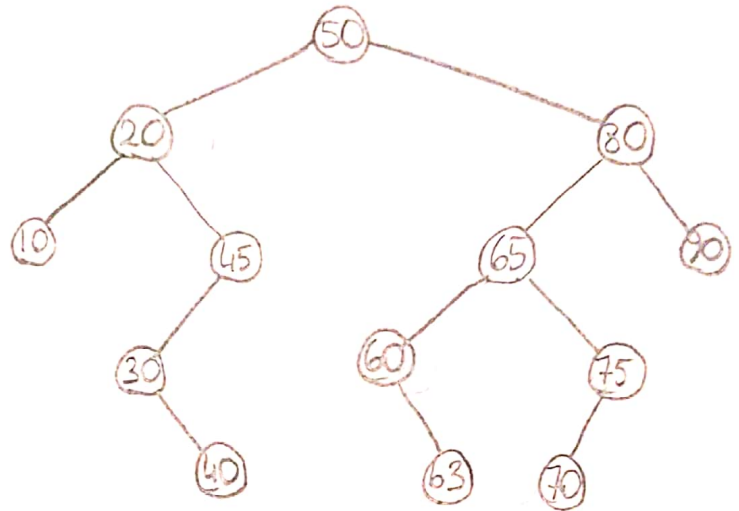


12th Step



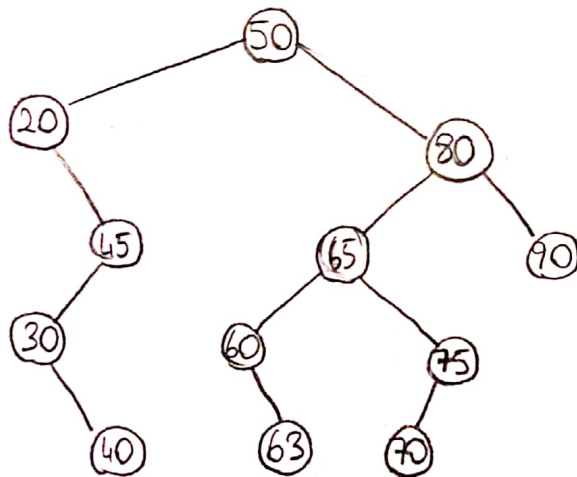
(add 40)

13th Step



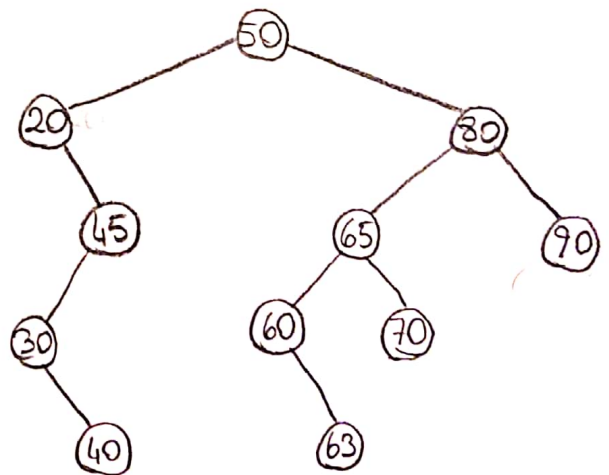
(add 63)

14th Step



(delete 10)

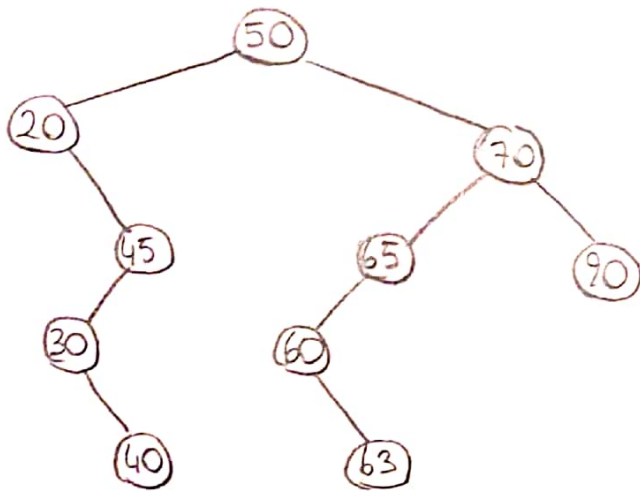
15th Step



(delete 75)

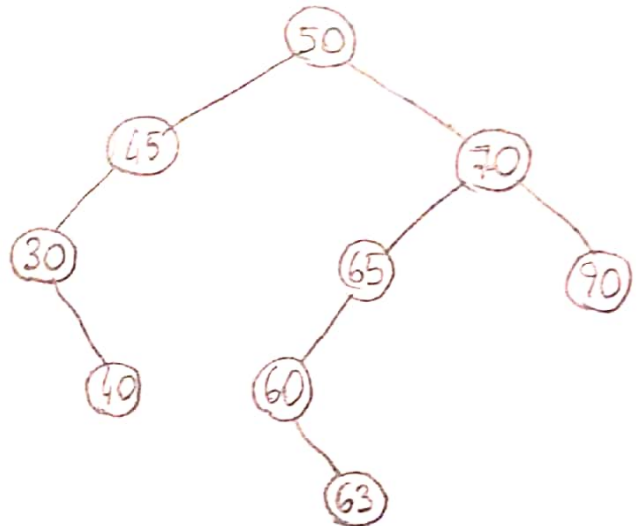
Question 1 (cont')

16th Step



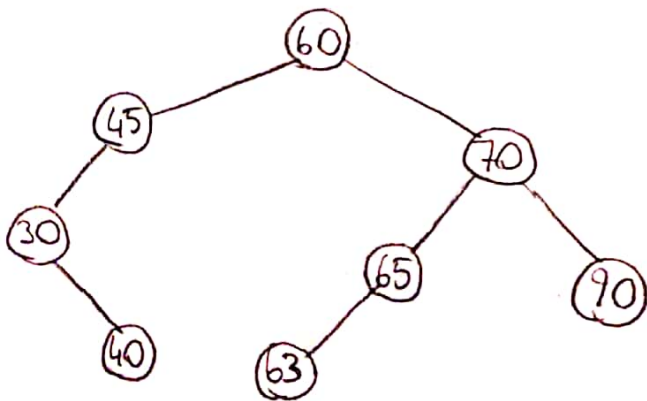
(delete 80)

17th Step



(delete 20)

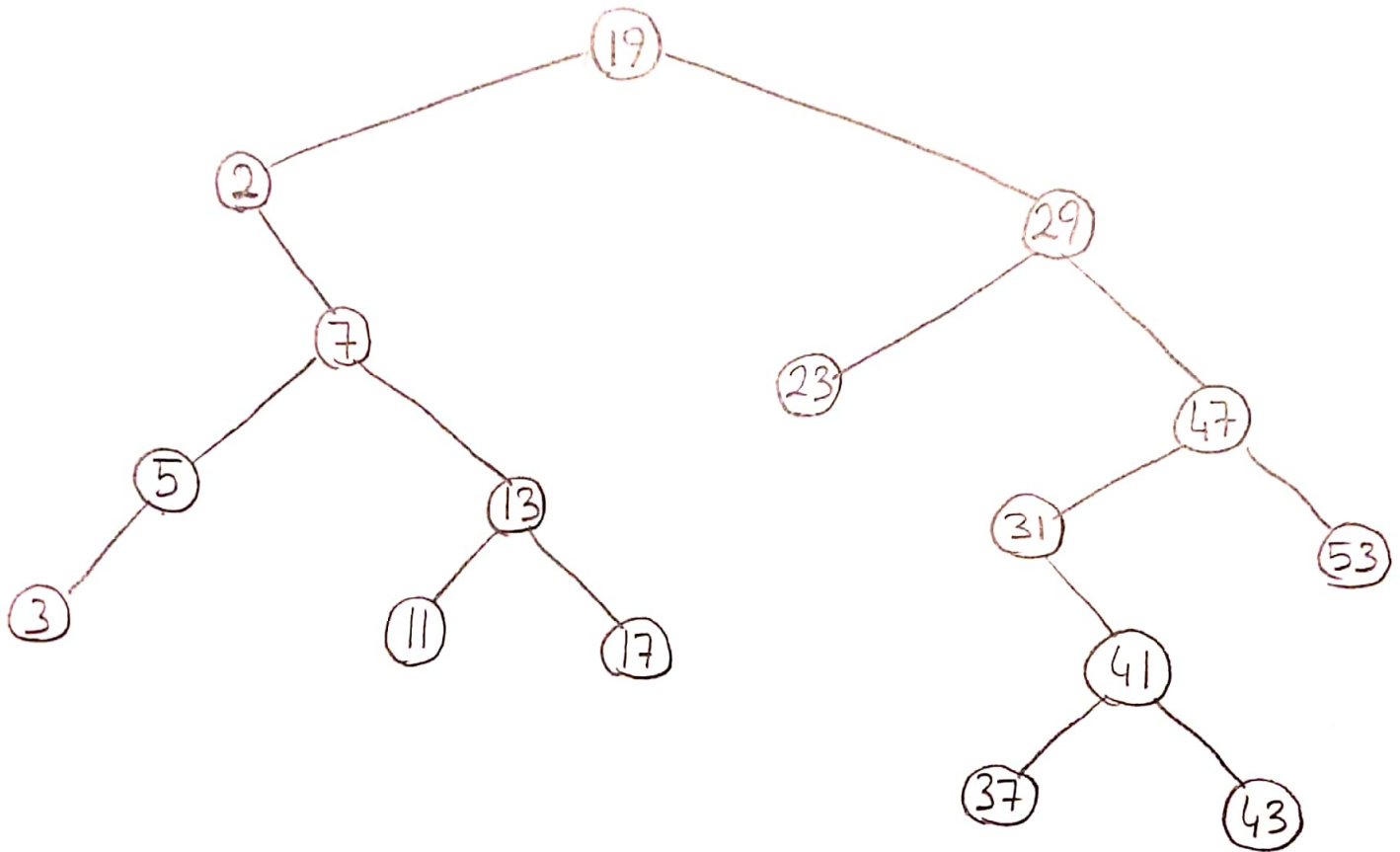
18th Step



(delete 50)

Question 1 (cont'):

(c)

Binary Tree

• Preorder Traversal: 19, 2, 7, 5, 3, 13, 11, 17, 29, 23, 47, 31, 41, 37, 43, 53.