output.ot Page 1

Primary Assignment Using Iterative Insert

Recursive inorder traversal:

7 11 18 20 23 25 30 35 38 49 50 52 53 57 71 80 93

Deleted node 71, print using recursive postorder traversal:

7 20 18 11 25 35 30 23 49 52 53 50 80 93 57 38

Deleted node 38, print using recursive preorder traversal:

35 23 11 7 18 20 30 25 57 50 49 53 52 93 80

iterative inorder traversal:

7 11 18 20 23 25 30 35 49 50 52 53 57 80 93

iterative preorder traversal:

35 23 11 7 18 20 30 25 57 50 49 53 52 93 80

iterative postorder traversal:

7 20 18 11 25 30 23 49 52 53 50 80 93 57 35

......

This time, with recursive insert

Recursive Inorder: 7 11 18 20 23 25 30 35 38 49 50 52 53 57 71 80 93

Recursive preorder: 38 23 11 7 18 20 30 25 35 57 50 49 53 52 93 71 80

Recursive postorder: 7 20 18 11 25 35 30 23 49 52 53 50 80 71 93 57 38

Iterative inorder: 7 11 18 20 23 25 30 35 38 49 50 52 53 57 71 80 93

Iterative preorder: 38 23 11 7 18 20 30 25 35 57 50 49 53 52 93 71 80

Iterative postorder: 7 20 18 11 25 35 30 23 49 52 53 50 80 71 93 57 38