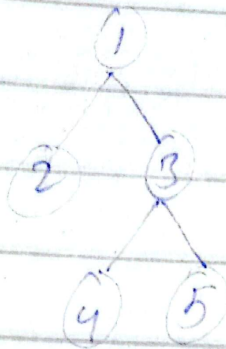


Morris Inorder Traversal



Inorder = left, root, right $\rightarrow 2, 1, 4, 3, 5$

Inorder Predecessor (IP)

1 \rightarrow 2 3 \rightarrow 4 5 \rightarrow 3

iteration used correction will be built with
root node using temp thread
root and IP of curr/root.

IP

\rightarrow Right most node in left subtree

Pseudocode

Find IP

IP = curr \rightarrow left

while (IP \rightarrow right \neq NULL \vee IP \rightarrow right \neq curr)

IP = IP \rightarrow right

while (curr \neq NULL)

if (curr \rightarrow left \neq NULL)

curr = curr \rightarrow right

// Print curr

else

Find IP

if (IP \rightarrow right \neq NULL)

IP \rightarrow right = curr

curr = curr \rightarrow left

// create thread

else

IP \rightarrow right = NULL

curr = curr \rightarrow right

// Delete thread

TC = $O(n)$