

# Pre-order Traversal

(Root Left Right)

void preorder(node)

{

if (node == null)

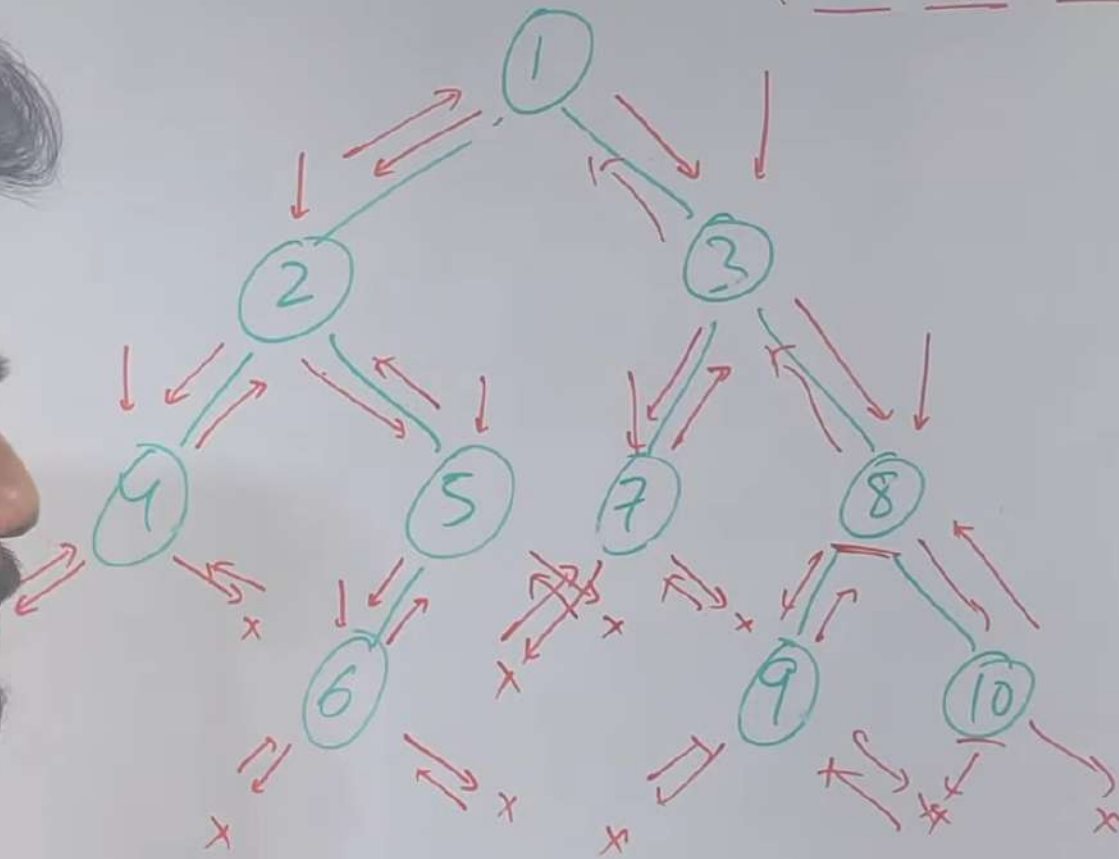
return;

print (node -> data)

preorder (node -> left)

preorder (node -> right)

}



1 2 4 5 6 3 7 8 9 10

# Pre-order Traversal

(Root Left Right)

void preorder(node)

{

if (node == null)

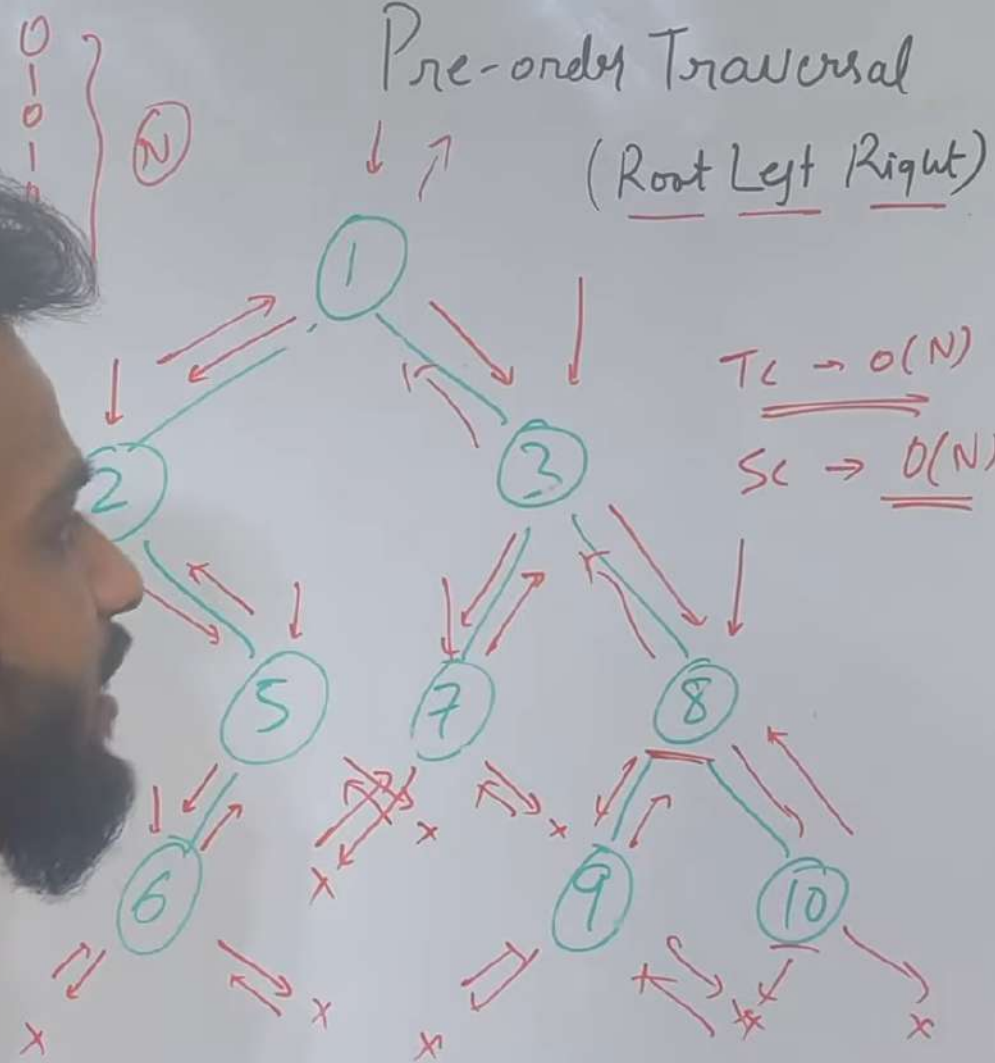
return;

print (node -> data)

preorder (node -> left)

preorder (node -> right)

}



T.C.  $\rightarrow O(N)$

S.C.  $\rightarrow O(N)$

1 2 4 5 6 3

9 10

4 2 6 5 1 7 3 9 8 10 Inorder Traversal

(Left Root Right)

Void inorder (node)

{

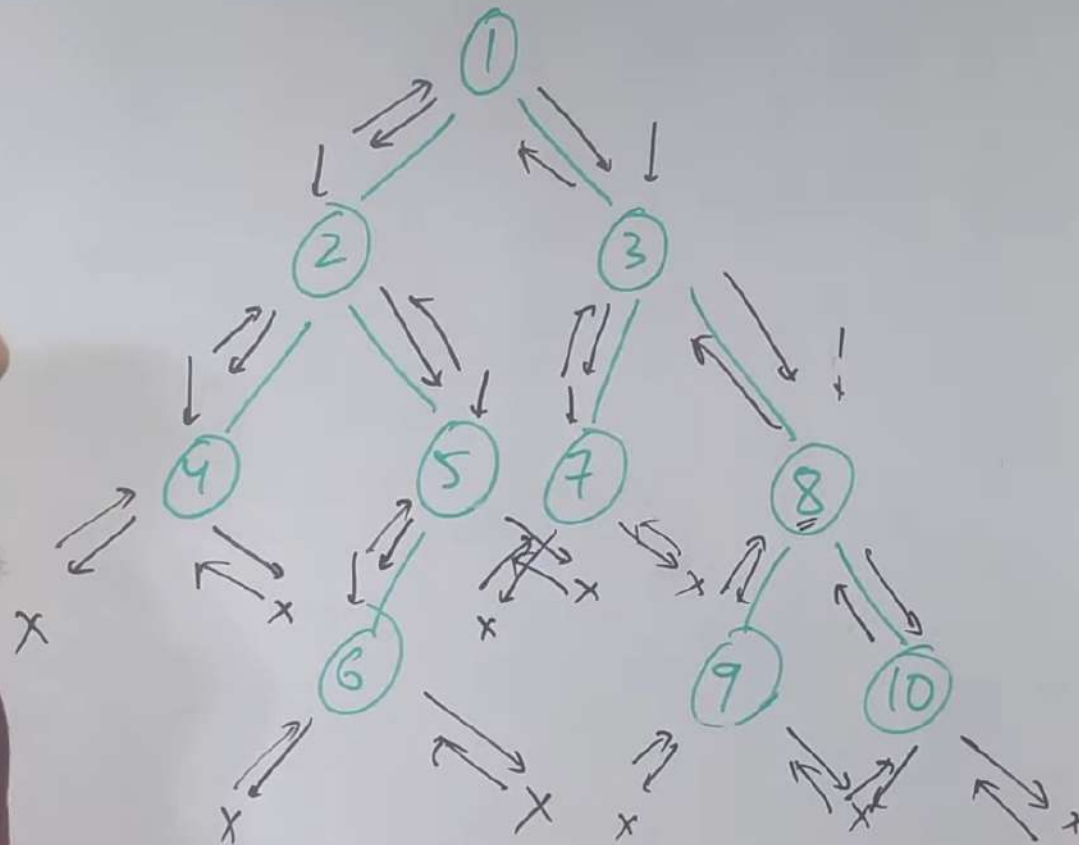
[ if (node == null)  
return;

inorder (node → left)

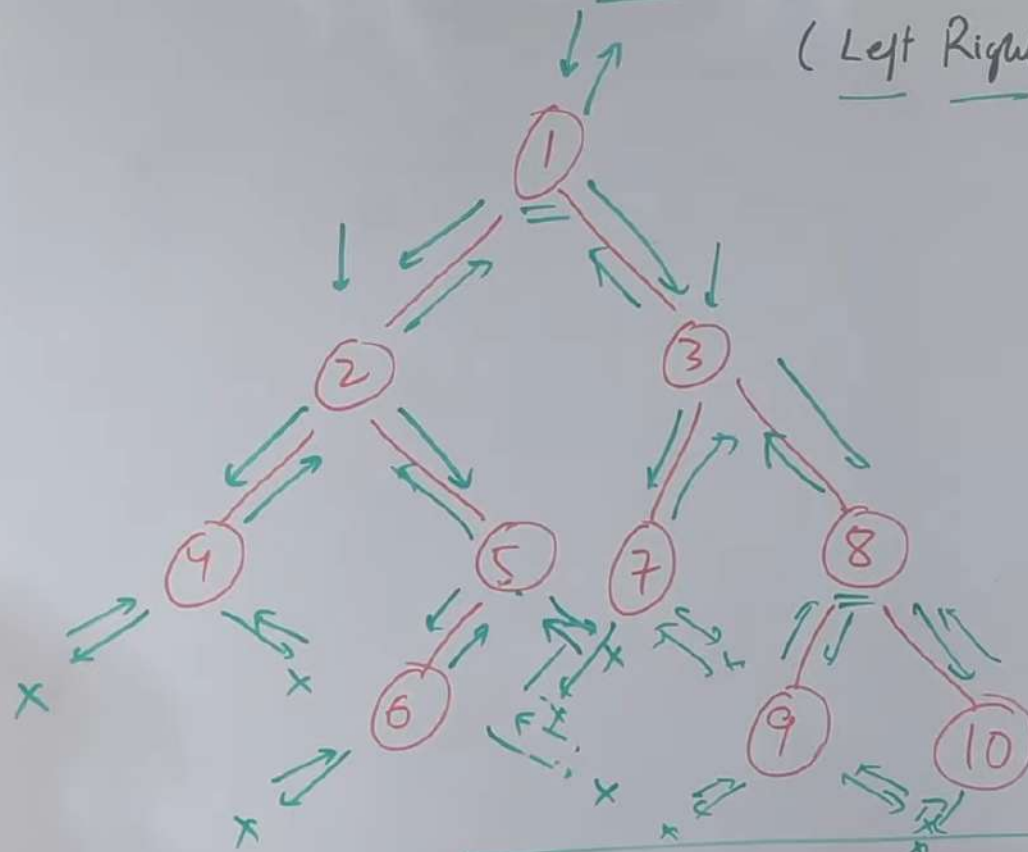
print (node → data)

inorder (node → right)

}



## Postorder Traversal (Left Right Root)



4 6 5 2 7 9 10 8 3 1

void postorder(node)

{

if (node == null)  
return;

postorder(node->left)

postorder(node->right)

print(node->data);

}