Data Structures

Tree – Binary Search Tree

Team Emertxe

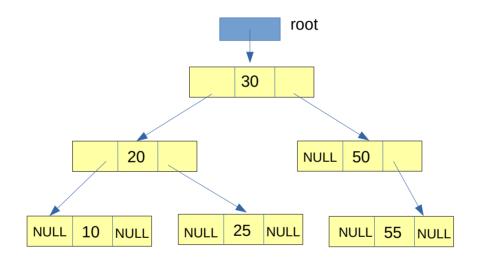


Binary Search Tree -Inorder Traversal



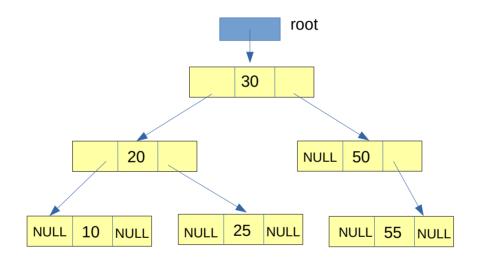


Inorder

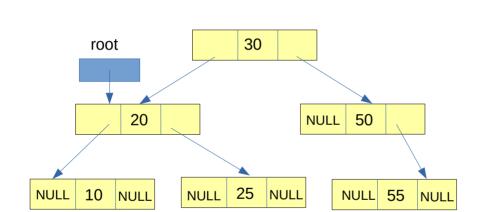




Inorder

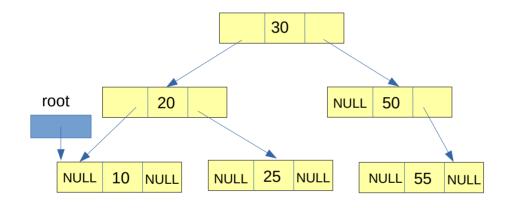








Inorder

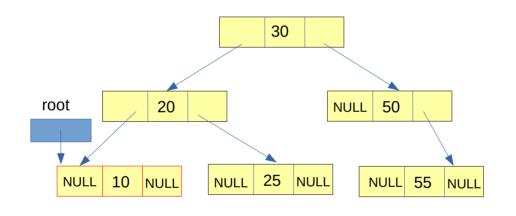




Inorder



OUTPUT = 10

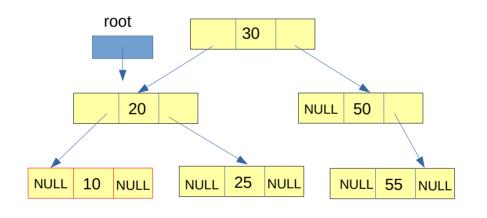




Inorder



OUTPUT = 10 20

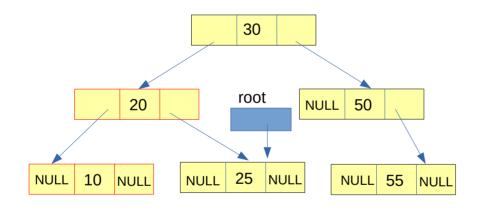




Inorder



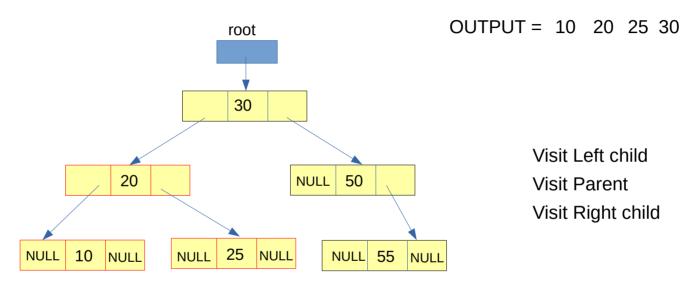
OUTPUT = 10 20 25





Inorder



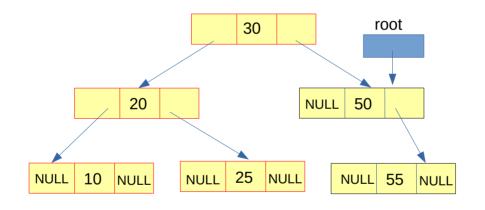




Inorder



OUTPUT = 10 20 25 30

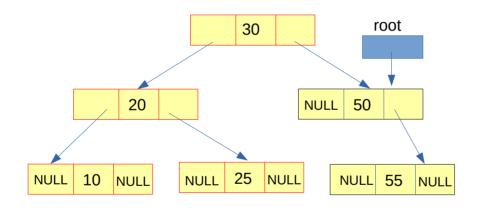




Inorder



OUTPUT = 10 20 25 30 50

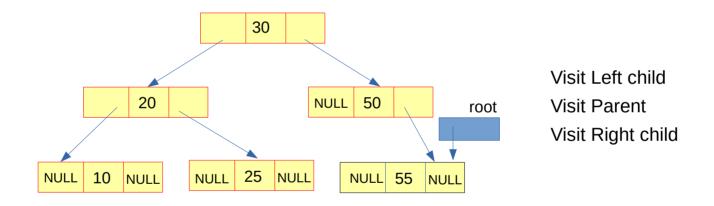




Inorder



OUTPUT = 10 20 25 30 50 55

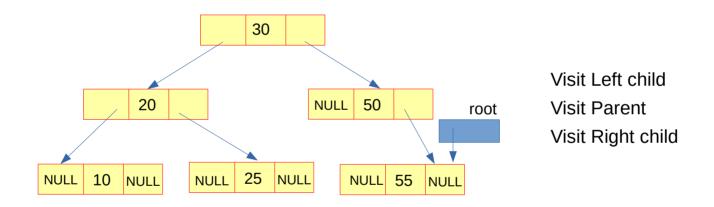




Inorder



OUTPUT = 10 20 25 30 50 55





Algorithm

inorder(root)

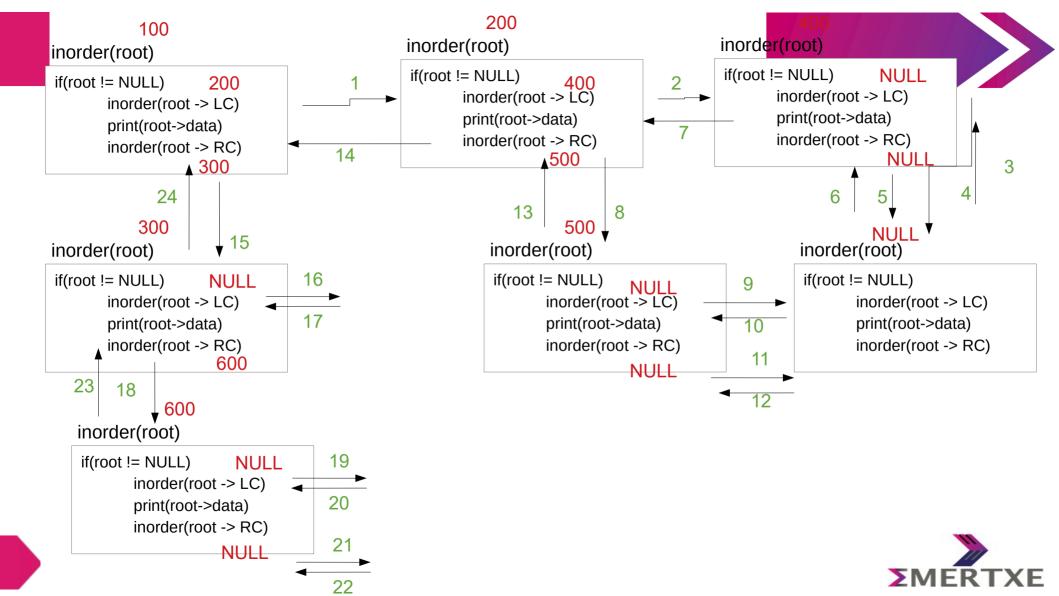
```
if(root != NULL)
  inorder(root -> LC)
  print(root->data)
  inorder(root -> RC)
```

Time Complexity = O(n)

Where

'N' is number of node





Code - inorder(root)

