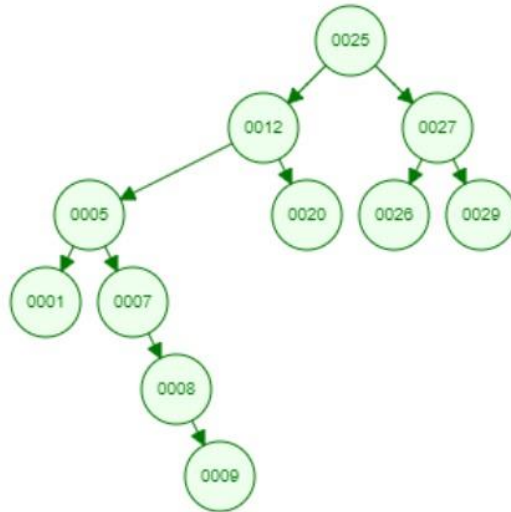


TRAVERSALS

A. Give the Graph (Tree) and the Traversal

1. Insert: 25, 27, 12, 5, 1, 7, 8, 9, 20, 29, 26

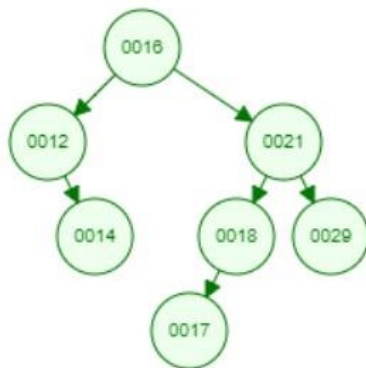


Preorder: 25, 12, 5, 1, 7, 8, 9, 20, 27, 26, 29

Inorder: 1, 5, 7, 8, 9, 12, 20, 25, 26, 27, 29

Postorder: 1, 9, 8, 7, 5, 20, 12, 26, 29, 27, 25

2. Insert: 16, 21, 29, 18, 12, 14, 17



Preorder: 16, 12, 14, 21, 18, 17, 29

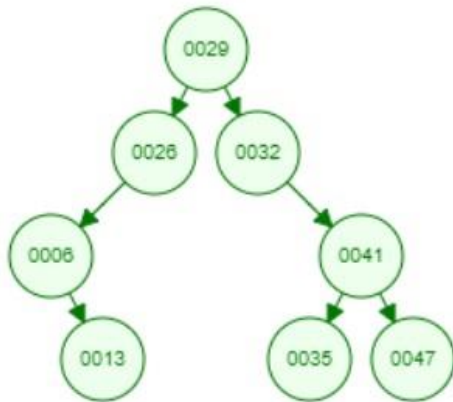
Inorder: 12, 14, 16, 17, 18, 21, 29

Postorder: 14, 12, 17, 18, 29, 21, 16

B. From the given traversal give the Graph (tree) and the missing traversal

Preorder: 29, 26, 6, 13, 32, 41, 35, 47

Inorder: 6, 13, 26, 29, 32, 35, 41, 47



Postorder: 13, 6, 26, 35, 47, 41, 32, 29