

Assignment 10: DFS

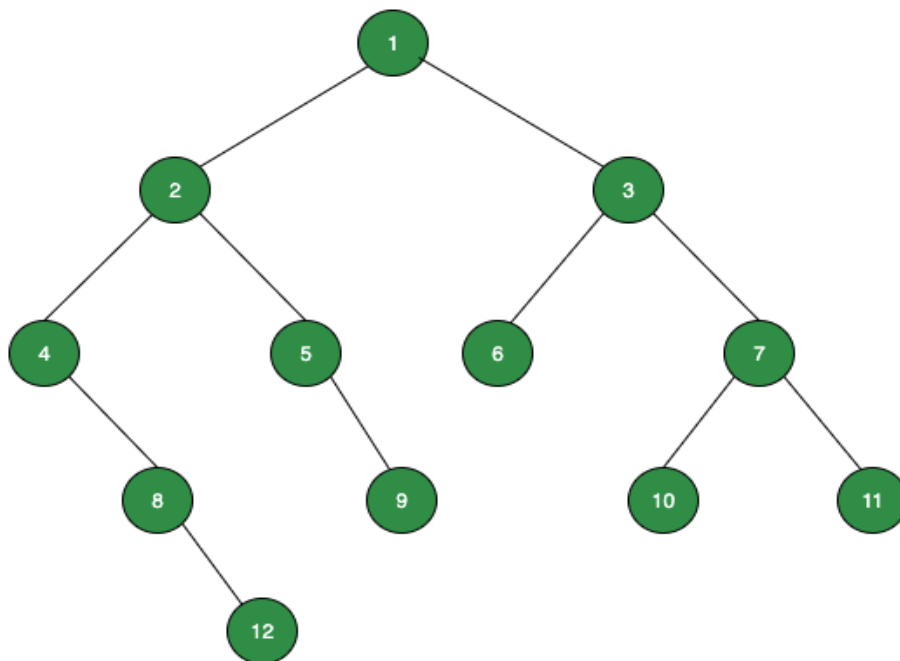
Instructions:-

1. You need to upload a pdf file for this assignment.
2. Format:- Q1 code, the screenshot of Q1 output, Q2 code, Q2 screenshot of output, and so on in the sequence.
3. File Naming convention:- ID_Lab10.pdf
 - a. E.g.:- 202011002_Lab10.pdf

Note:- It is in continuation of Assignment 9.

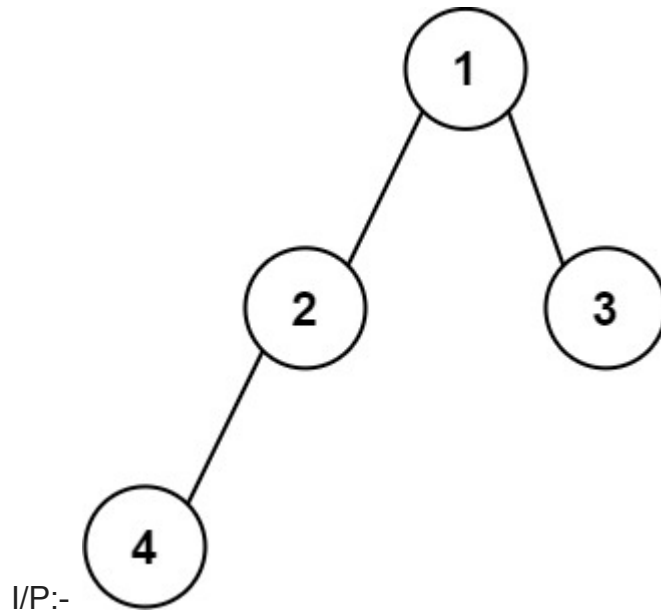
1. Implement DFS on a given graph.

INPUT:



OUTPUT: 1 2 4 8 12 5 9 3 6 7 10 12

2 Construct String from Binary Tree



O/P:- 1(2(4))(3)

Explanation:- For each node as you go one level deeper, add parentheses to it.

NOTE:- Parentheses for the left subtree and the right subtree should be different.