

Data Structure LAB
Eval-2 (Wednesday 3 to 5)

Max Marks: 10

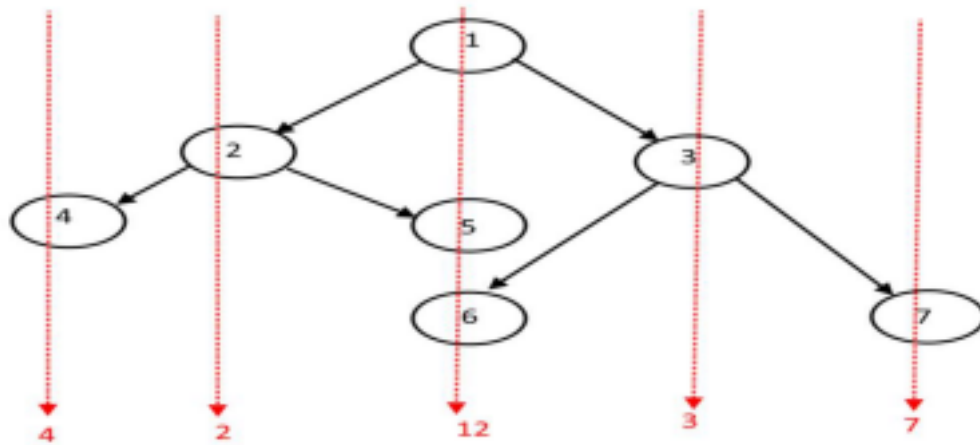
Max Time: 50 min

Instructions:

1. Submit a pdf file having code and output screenshots
2. Filename should be RollNo_Name_LabTest1_DS.pdf
3. Output should be at least 3 unique test cases
4. Output Screenshot should NOT be cropped at all
5. Any two students having same output will be awarded 0 marks

Odd Machine

Q.1 WAP in C++ to print the vertical sum in a binary tree.



in the example above, [4],[2], [12],[3],[7] are the vertical order sum of the given binary tree.

EVEN Machine

Q2. WAP in C++ to print whether a given two nodes of binary tree are cousins or not.

Cousin nodes: are the nodes which are at the same level in the tree and whose parents are siblings.

