BSSE3A

National University of Computer and Emerging Sciences, Lahore Campus



Course: Program: Duration: Paper Date:

Section:

Data Structures BS(SE) 15 Minutes 30 Nov 2021 5/10)

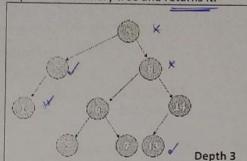
Course Code: Semester: Total Marks: Exam

CS 201 Fall 2021 10 Quiz 3

Instruction/Notes:

Solve the exam on this question paper.

Question: Write a C++ function in a Binary Search Tree class that counts the number of nodes with one child at different depths of the binary tree and returns it.



Output

No of nodes with one child on

Depth 0 = 0

Depth 1 = 1

Depth 2 = 2

Depth 3 = 0 \

not checking

Department of Computer Science

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