



EAST WEST UNIVERSITY

Department of Computer Science and Engineering

B.Sc. in Computer Science and Engineering Program

Lab Examination, Spring 2021 Semester

Course:	CSE 207- Data Structures, Section-2
Instructor:	Dr. Maheen Islam, Associate Professor, CSE Department
Full Marks:	30 Marks
Time:	1 Hour 20 Minutes

Problem-1:

Write a program that will construct a BST and print out all of its root-to-leaf paths one per line. First, your program will take inputs from the user and construct the BST, Second, it will print the tree elements using inorder traversal. Finally, it will print out all of its root-to-leaf paths one per line.

Sample input	Sample Output
50 / \ 20 70 / \ \ 10 45 80	Inorder traversal 10 20 45 50 70 80 Root-to-leaf paths 50, 20, 10 50, 20, 45 50, 70, 80