BPDC, Dubai – II Semester, 2020-2021

Course No: CS F211 **LAB EXERCISE 9** **Course Title: DSA**

Date: April 05 2021

Write a program that implements subroutines that deploys the basic operations of a binary search tree (BST). The program should have 5 functions createNode(), insertNode(), searchNode(), deleteNode(), and displayBST(). The prototype and other details for each of those functions are encoded as comments within the "tentative" (hasn't tested for bugs) wrapper program provided with. The program listWrapper.c is an edited version of the one in Lab-05. You may start with the wrapper program as such and modify if required.

You have been provided with the file testCaseForBST.txt from which your program reads the input. Before termination, the program makes a call to the function diplayBST() which prints the elements (the whole student record) sorted in descending order of roll numbers.