

United International University
Department of Computer Science and Engineering
CSE 2216, Data Structure & Algorithm Lab, Spring 2022
Final Exam, Total Marks: 30, Time: 100 minutes

1. Write a function to calculate the sum of left subtree and right subtree of a BST, and return the absolute difference.
2. Write a function that will take an integer N from user and find the next prime number after N which is not present in the tree.
3. Write a program that will take N vertices from user to construct a directed graph. Now store the graph info in a adjacency list and implement BFS.