

Data Structure and Algorithm

Quiz #4

Tuesday, March 19, 2013

Student Name :

Student ID :

Problem 1.

1. Consider the following sequence: 93, 82, 19, 90, 38, 72, 22, 51.

Please draw the result after inserting the sequence into an empty binary search tree.

2. Consider the following sequence: 72, 38, 93, 22, 90, 82, 51, 19.

Please draw the result after inserting the sequence into an empty binary search tree.

3. Please draw the result after deleting 38 from the binary search tree constructed in 2.