

## **CM1602 : Data Structures and Algorithms for AI**

### **Tutorial 7**

1. Draw the Binary Search Tree for the values given. 51, 80, 100, 28, 40, 65, 11, 19, 26, 71, 15, 9, 12, 24, 38, 18, 59, 22
2. Implement a Binary Search Tree.
  - a. Insert the values given in Question 1.
  - b. Output the values in the tree.
  - c. Delete 59.
  - d. Output the values in the tree.
  - e. Delete 40.
  - f. Output the values in the tree.
  - g. Delete 51.
  - h. Output the values in the tree.