RAJIV

M. Tech (CSE)

1. → Q. 1. Draw a BST (Binary Search Tree) whose elements are inserted in the following order:

    i. 50, 70, 90, 93, 100, 20, 10, 12, 9, 25,
       51, 15, 95.

    ii. 11, 6, 8, 19, 4, 13, 5, 17, 43, 49,
       16, 31.

    iii. 50, 70, 60, 20, 90, 10, 40, 100

    iv. 11, 9, 2, 13, 57, 25, 1, 1, 90, 3.

    v. 10, 5, 1, 7, 40, 80

    vi. 10, 12, 5, 4, 20, 8, 7, 15, and 13.

    vii. 7, 9, 20, 11, 19, 10, 12, 13, 5, 1, 8, 4

    viii. 14, 15, 4, 9, 7, 18, 3, 5, 16, 20, 17, 5

    ix. 12, 8, 6, 2, 7, 9, 10, 10, 15, 19, 17, 20

    (x) 50, 76, 21, 4, 32, 64, 15, 52, 14
       100, 83, 2, 3, 70, 87, 80

Find Binary Search Tree traversals in from (i) to (x).

Rajiv