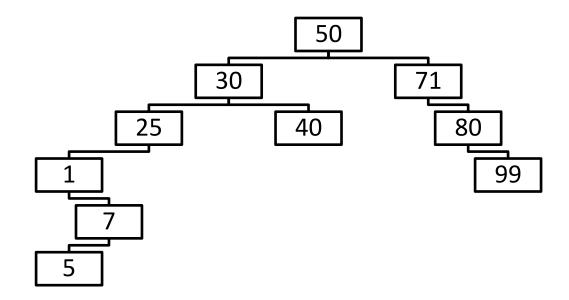1. Draw the BST based on the input 50, 30, 25, 71, 80, 99, 40, 1, 7, 5. Then, list the items in the order of pre-order, in-order and post-order.

Pre-order   : **50, 30, 25, 1, 7, 5, 40, 71, 80, 99**

In-order   : **1, 5, 7, 25, 30, 40, 50, 71, 80, 99**

Post-order   : **5, 7, 1, 25, 40, 30, 99, 80, 71, 50**