Assignment – Binary Search tree (BST)

1. Construct the Binary search tree for the following keys
   45, 18, 12, 65, 72, 13, 70, 28, 16, 33, 20, 56, 36, 80, 45, 99

2. Draw the BST after performing the following sequence of operations on the Binary search tree resulted in Q.1 (Draw the BST for each operation).
i) delete 20	(v) insert 14
ii) delete 33	(vi) delete 16
iii) delete 45	(vii) insert 66
iv) delete 18	(viii) delete 72

3. Perform the following traversal on the BST resulted from Q.1
   i)   In-order
   ii)   Pre-order
   iii)   Post-order