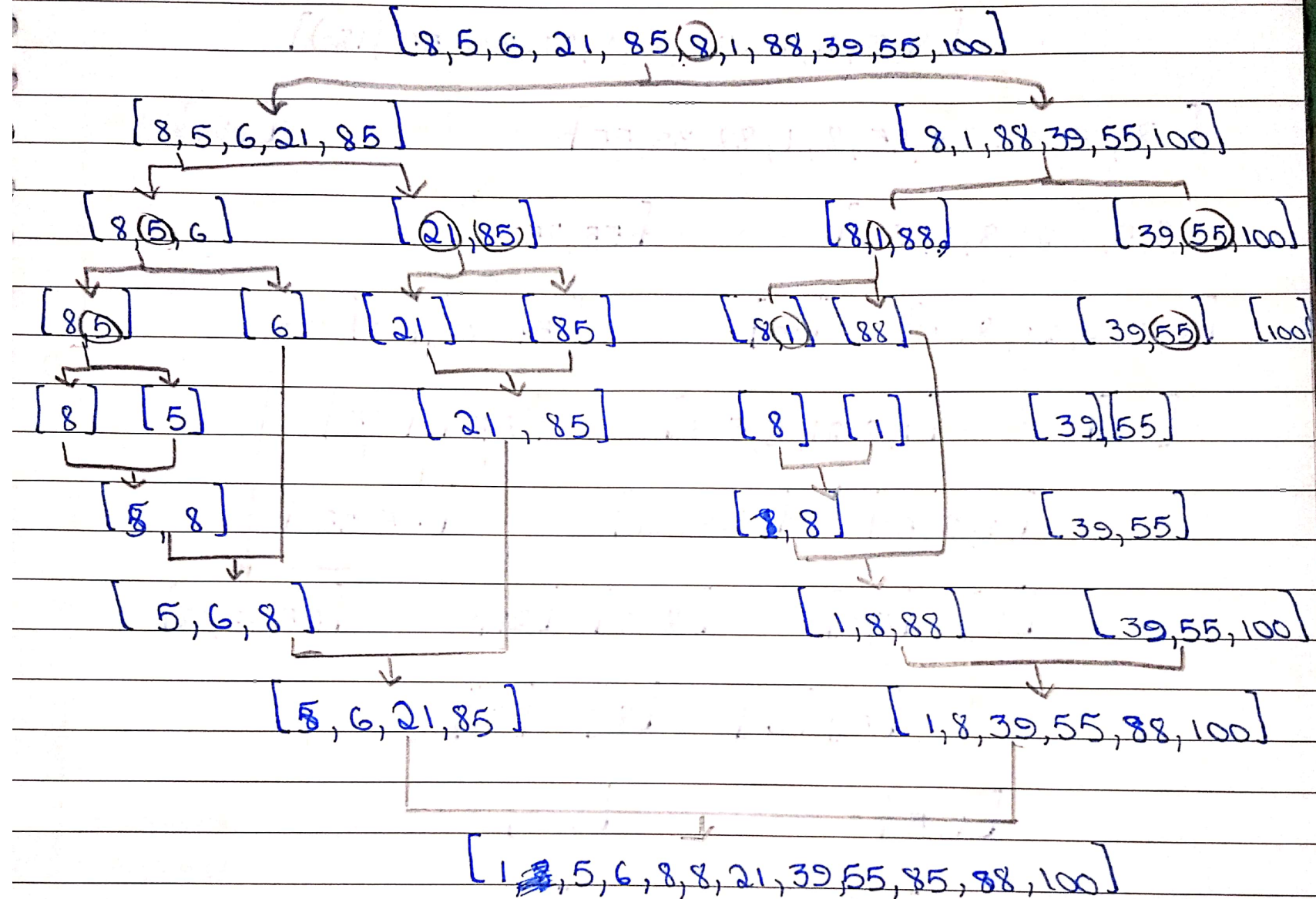


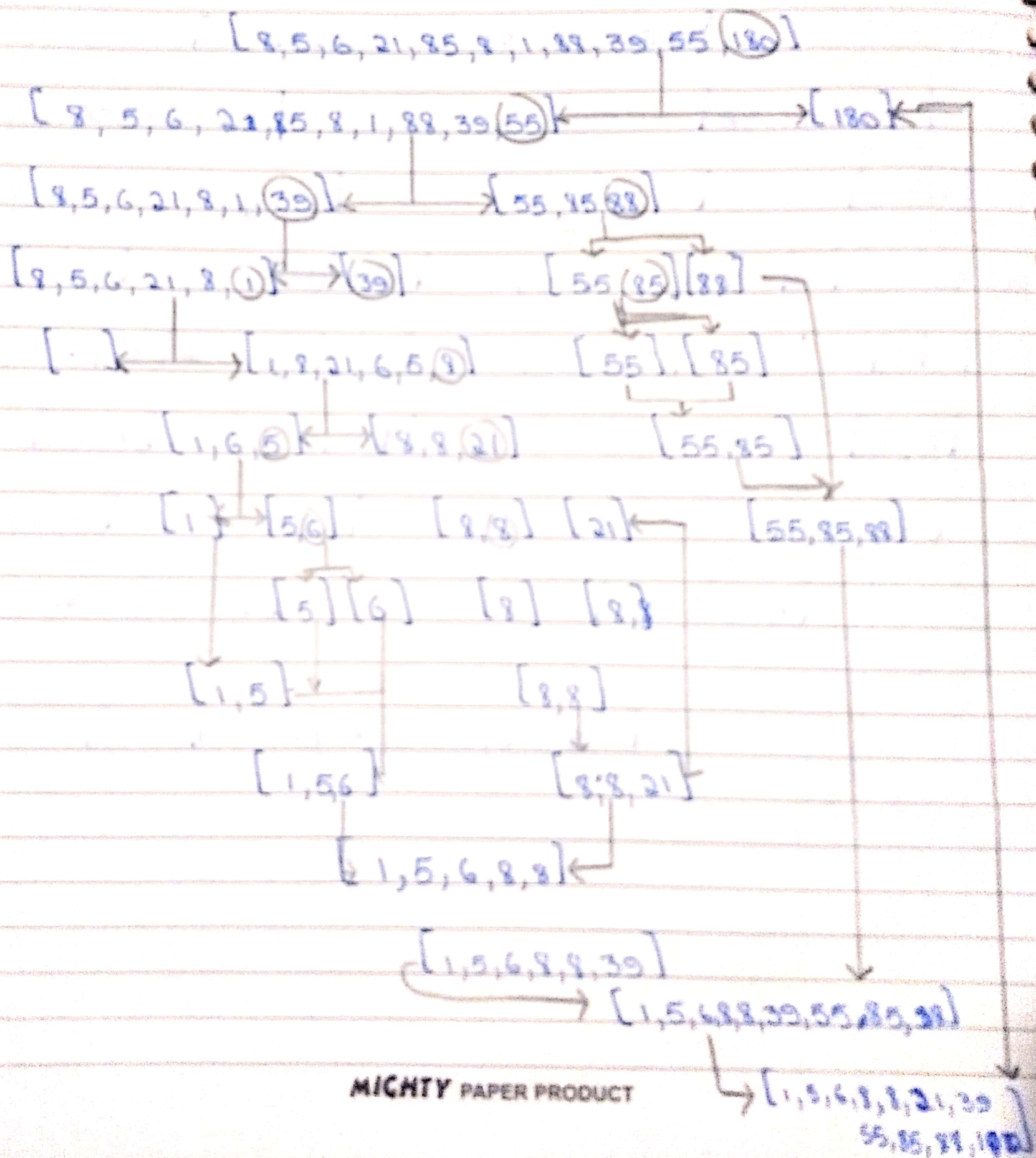
A#3

Date: _____

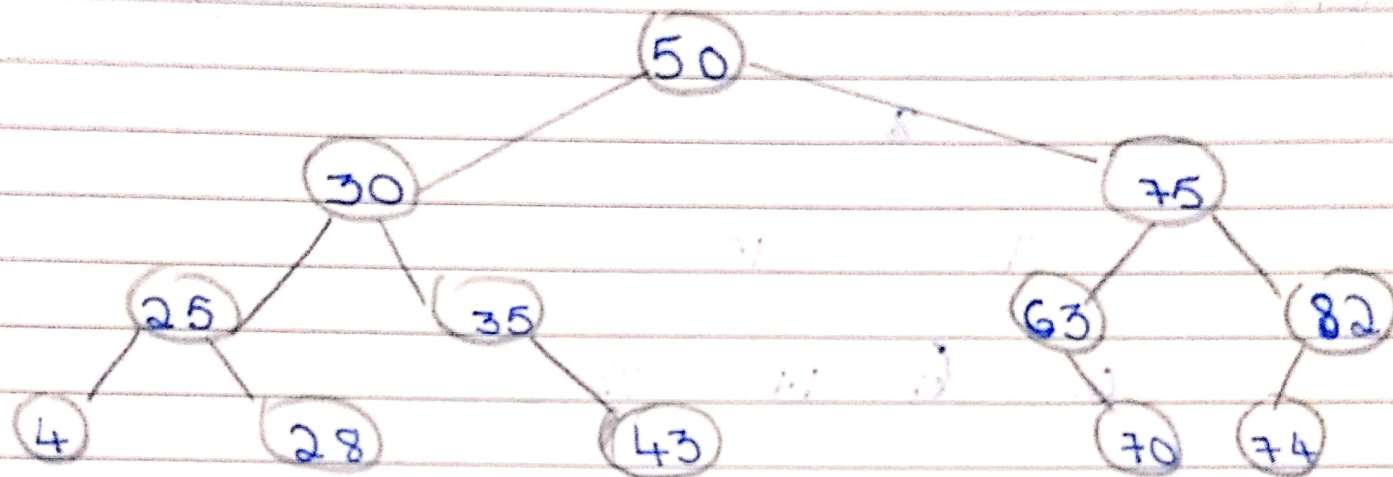
• Merge Sort:-



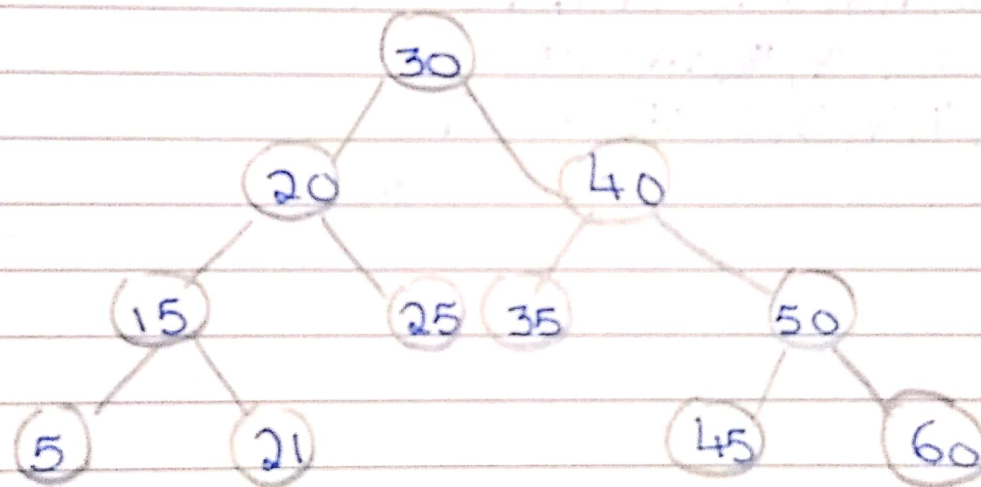
Q. Quick-sort:



Q₂



Q₃

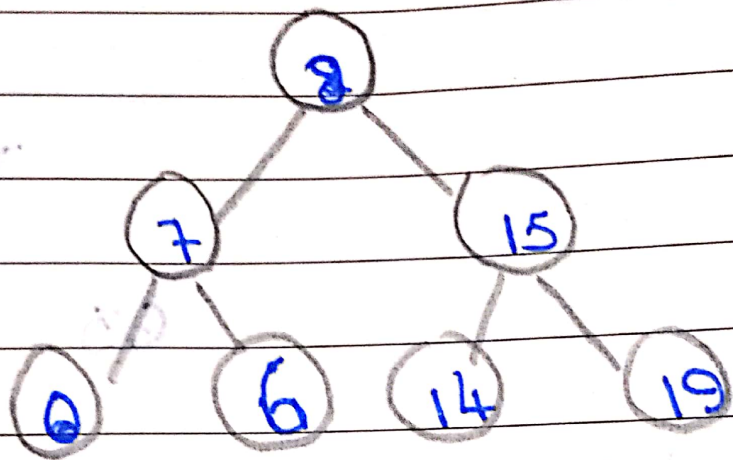


Inorder: 5, 15, 25, 20, 26, 35, 40, 45, 50, 60, 30.

Postorder: 30, 20, 15, 5, 21, 25, 40, 35, 50, 45, 60.

Preorder: 5, 25, 15, ~~21~~, 20, 40, 35, 45, 60, 50, 30.

Example:-



InOrder: [0, 7, 6, 8, 15, 14, 19]

PostOrder: [0, 6, 7, ~~8~~ 14, 19, 15, 8]

PreOrder: [8, 7, 0, 6, 15, 14, 19]

Ans