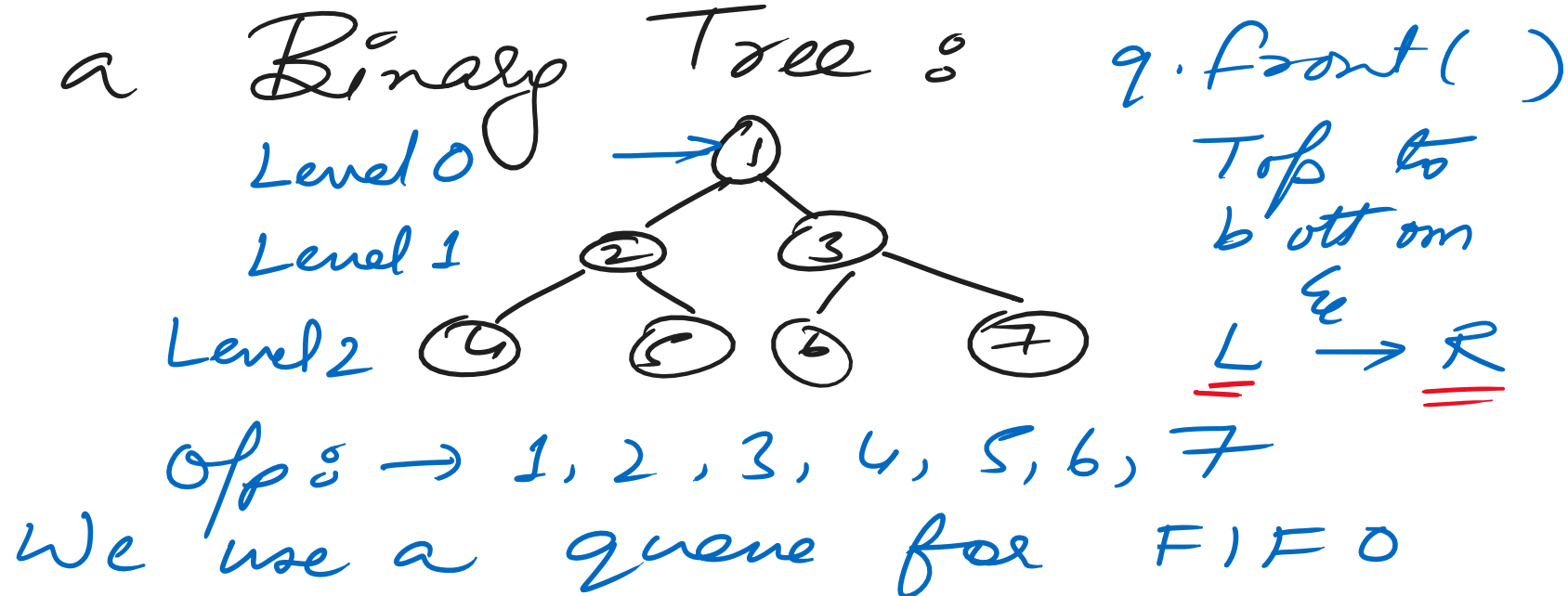
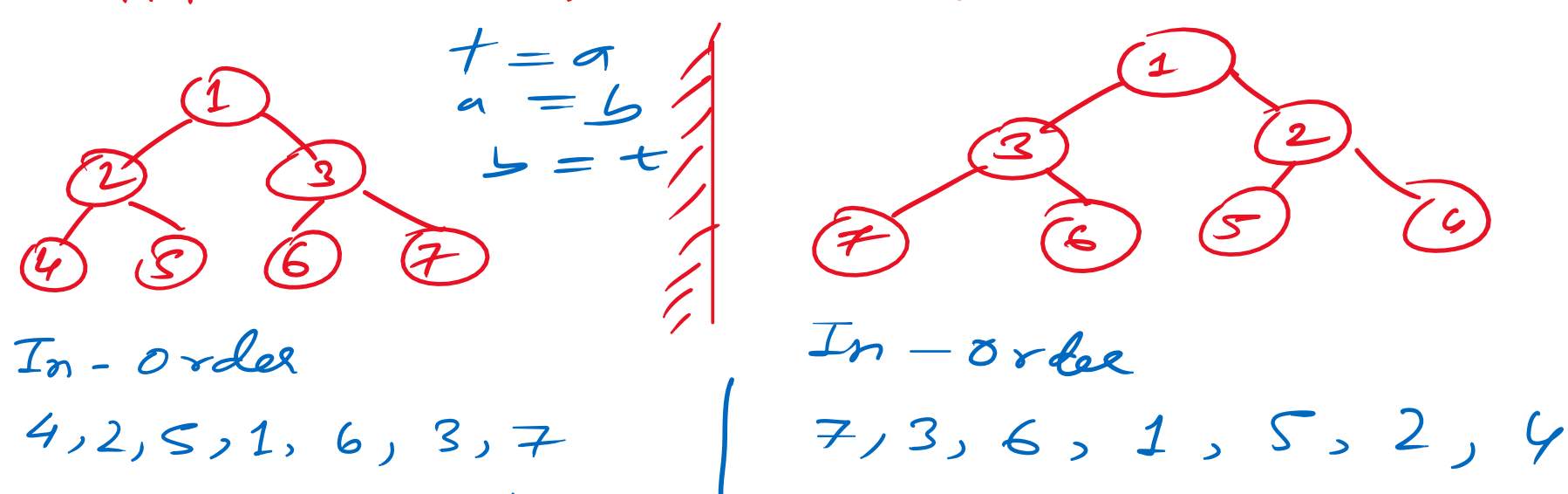


Breadth First Search / Traversal or Level Order Traversal in a Binary Tree :



*** Mirror of a Binary Tree

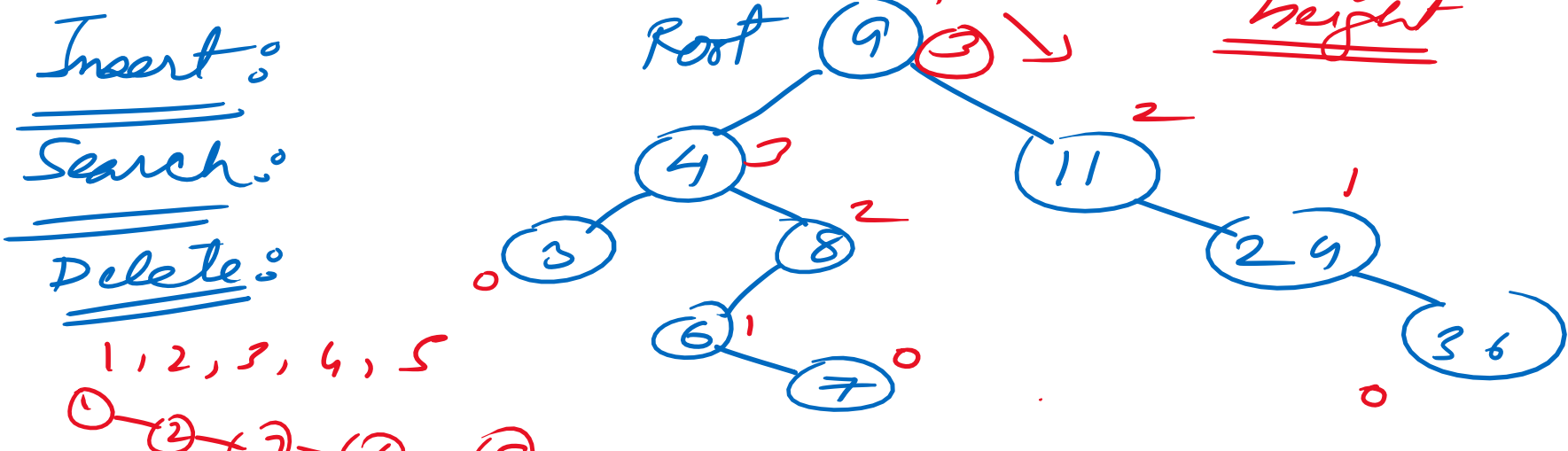
Cap Gemini → Sep 2024 6.5 LPA
Accenture → Dec 2024 7 LPA
HP → Jan 2025 8.5 LPA



Binary Search Tree (BST)

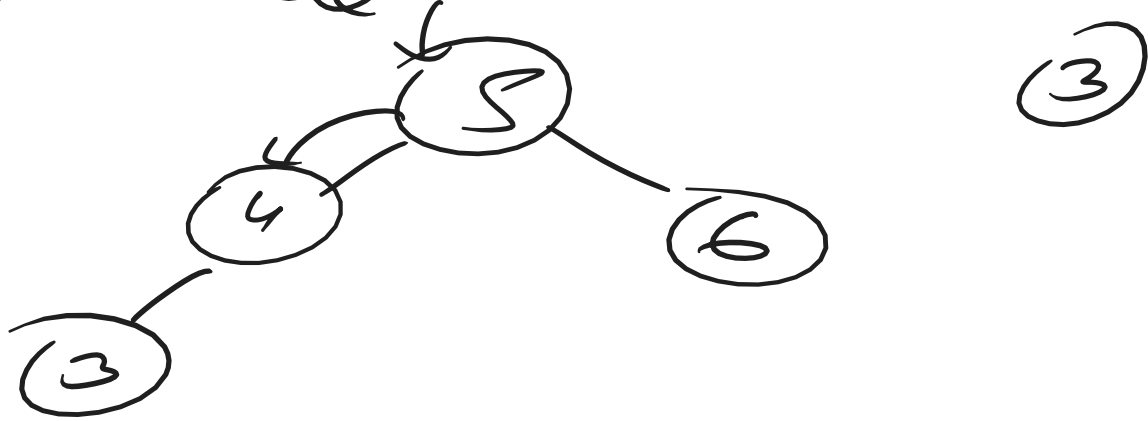
For any node: $Left < Node < Right$

Array: → 4 8 3 6 11 24 36 7



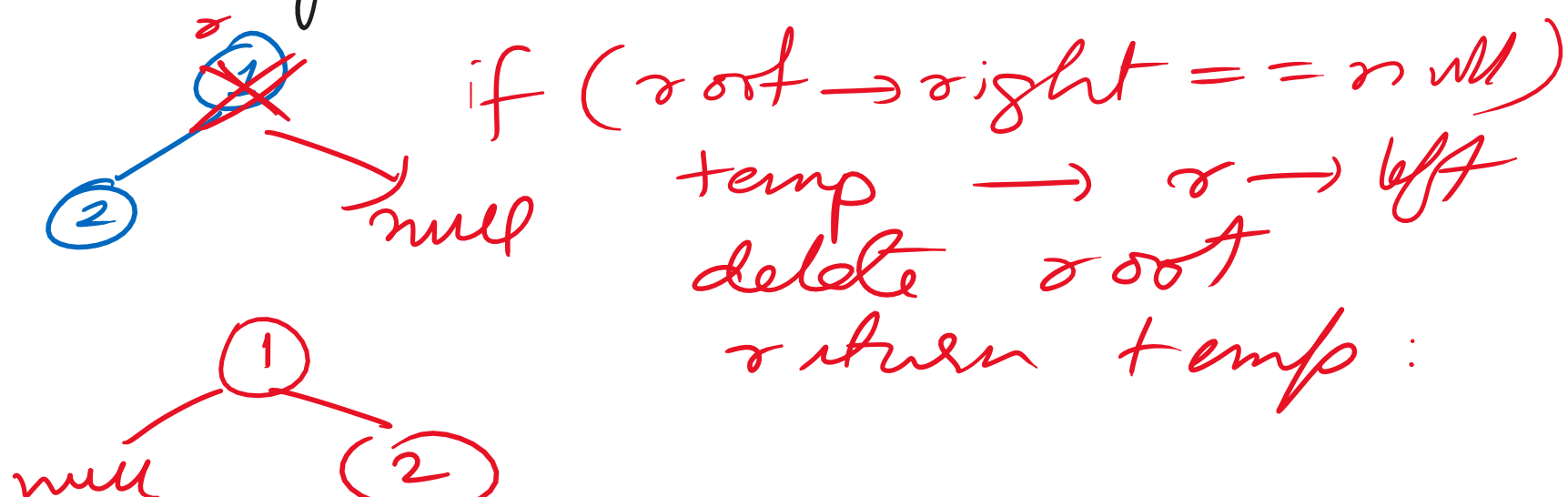
BST important functions:

- 1) Insert
- 2) Search
- 3) Delete → Find Min

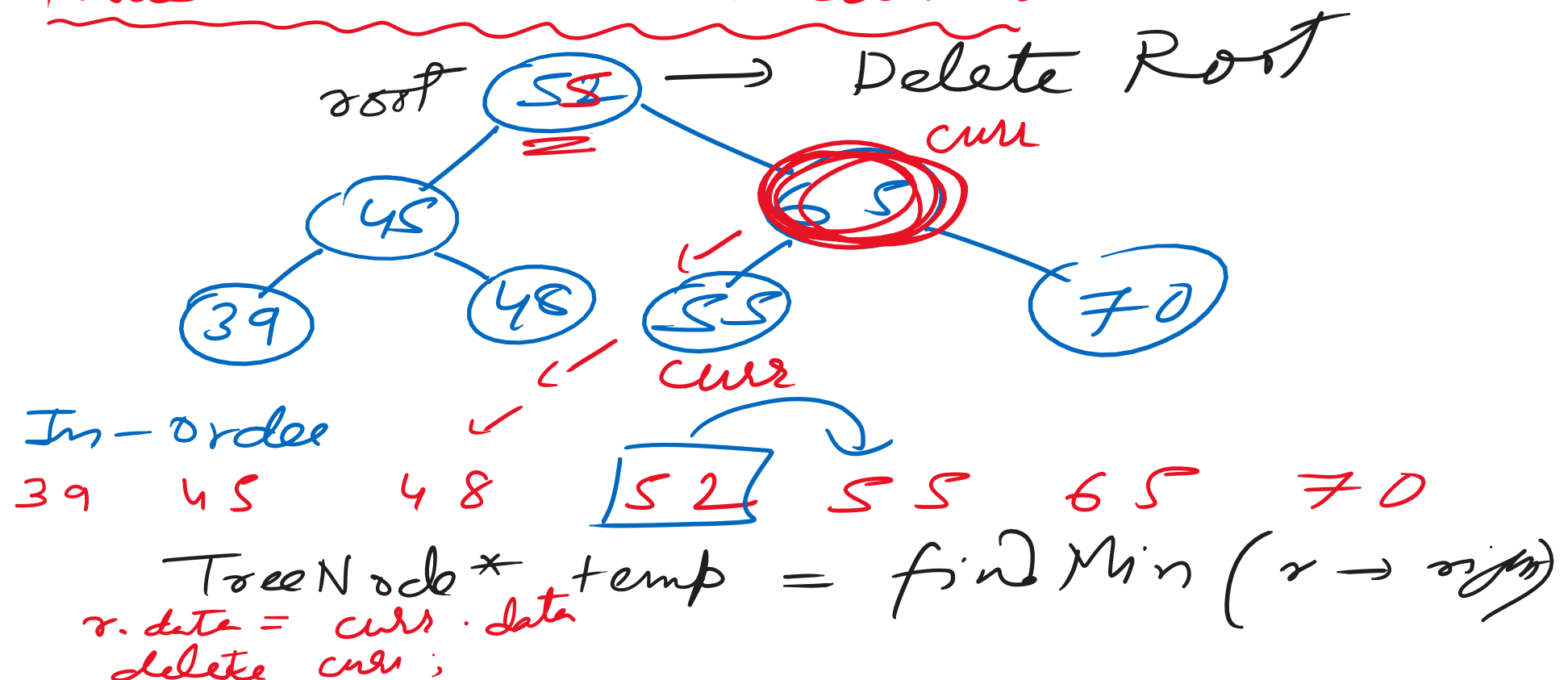


Deleting: →

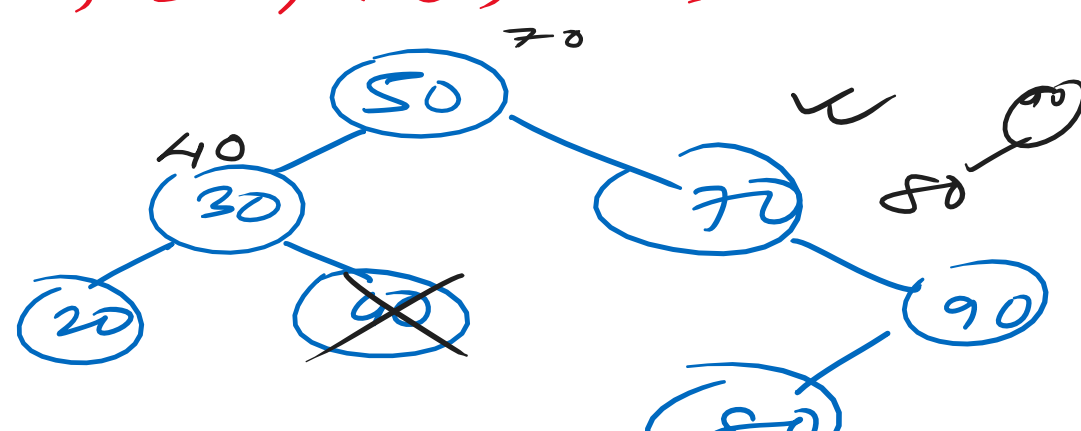
- 1) Only 1 child



Node With Two Children: →



50, 30, 20, 40, 70, 90, 80



20, 30, 40, 50, 70, 80, 90

Delete → 30

Delete → 50