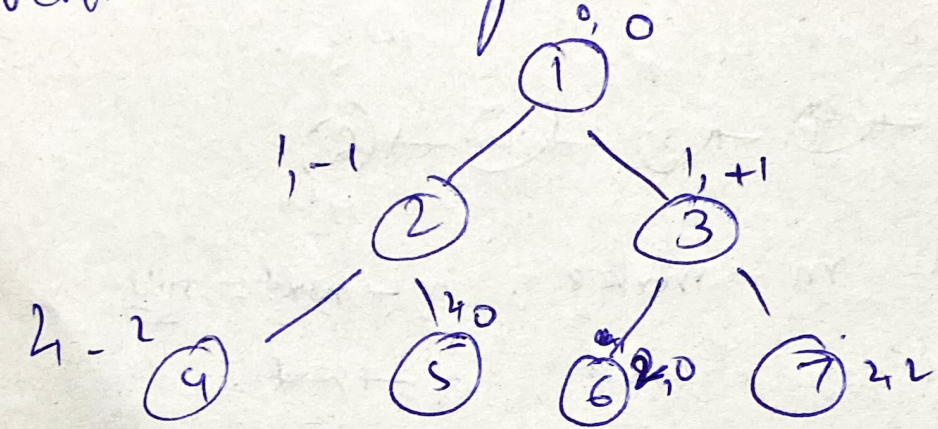
Vertical Order Binary Tree.



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((4), (2), (1,5,6), (3), (7))

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-2 -1 0 1 2

Logic: 1) Do a Level Order traversal. & set the triplets for each node as:

{x, y, node} → the node.

↳ level value

→ for left --
for right ++

2) sort this list with the following comparator:

```
public class TripComparator implements Comparator<Triplet>
{ public int compare(Triplet a, Triplet b)
  {
    if(a.y < b.by)
      { return -1; }
    else if(a.y > b.y)
      { return 1; }
    if(a.x < b.x)
      { return -1; }
    else if(a.x > b.x)
      { return 1; }
    if(a.node.val < b.node.val)
      { return -1; }
    return 1;
  }
```

3) Group the values acc. to the y's value of triplet