TreeNode {
int val
TreeNode left, right
}

2

5

7

1

3

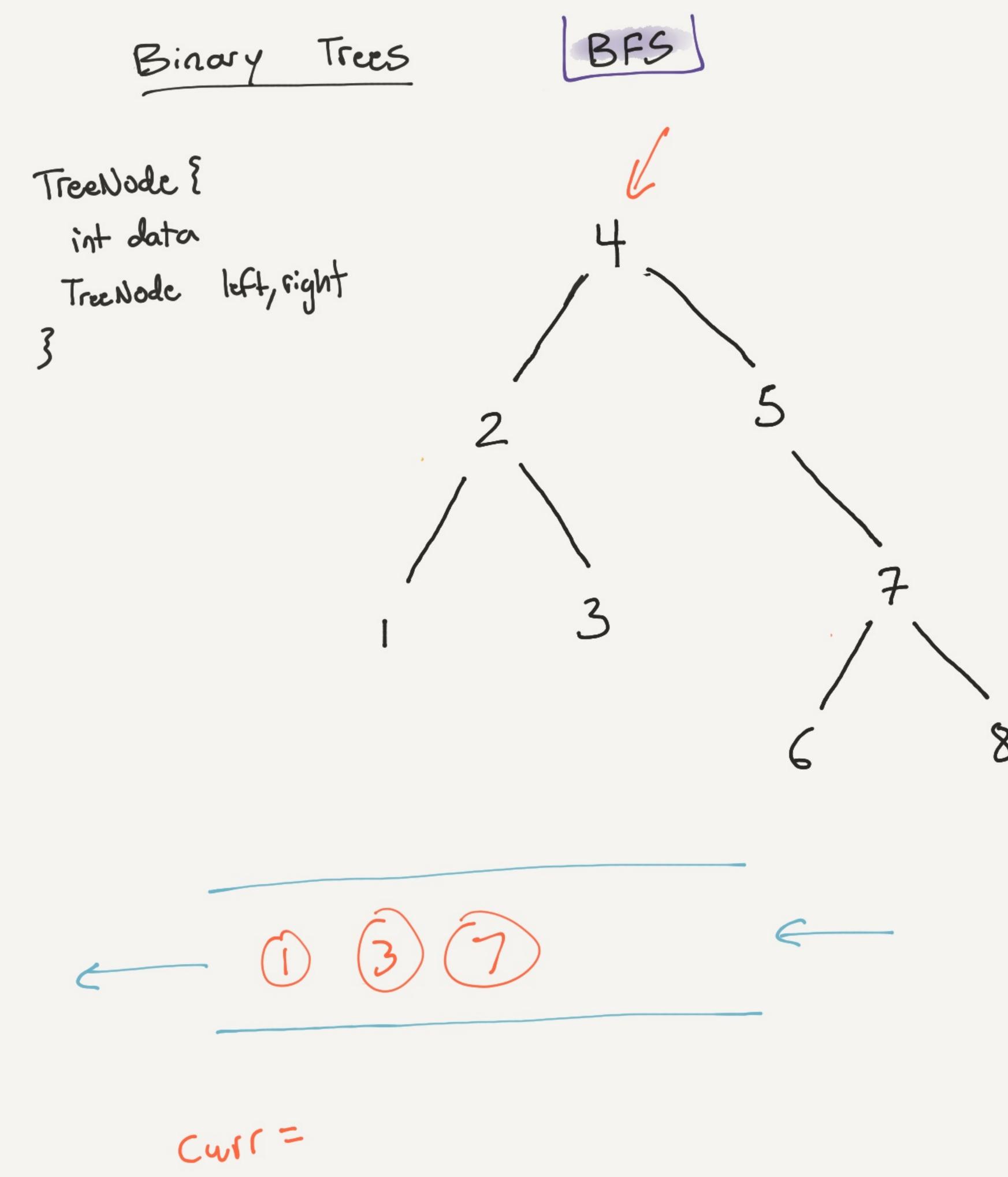
DFS - Depth first search

traverse left operate on node traverse right

BFS - Breadth first search cevel-order

traversal

4,2,5,1,3,7,6,8



add root to q

while q is not empty

currepop off front of q

add curr value to result list

add left tright child nodes to q

return result list

[4,2,5,

TreeNode left, sight

TreeNode left, sight

2

Finishing

recursive

calls

operate left right

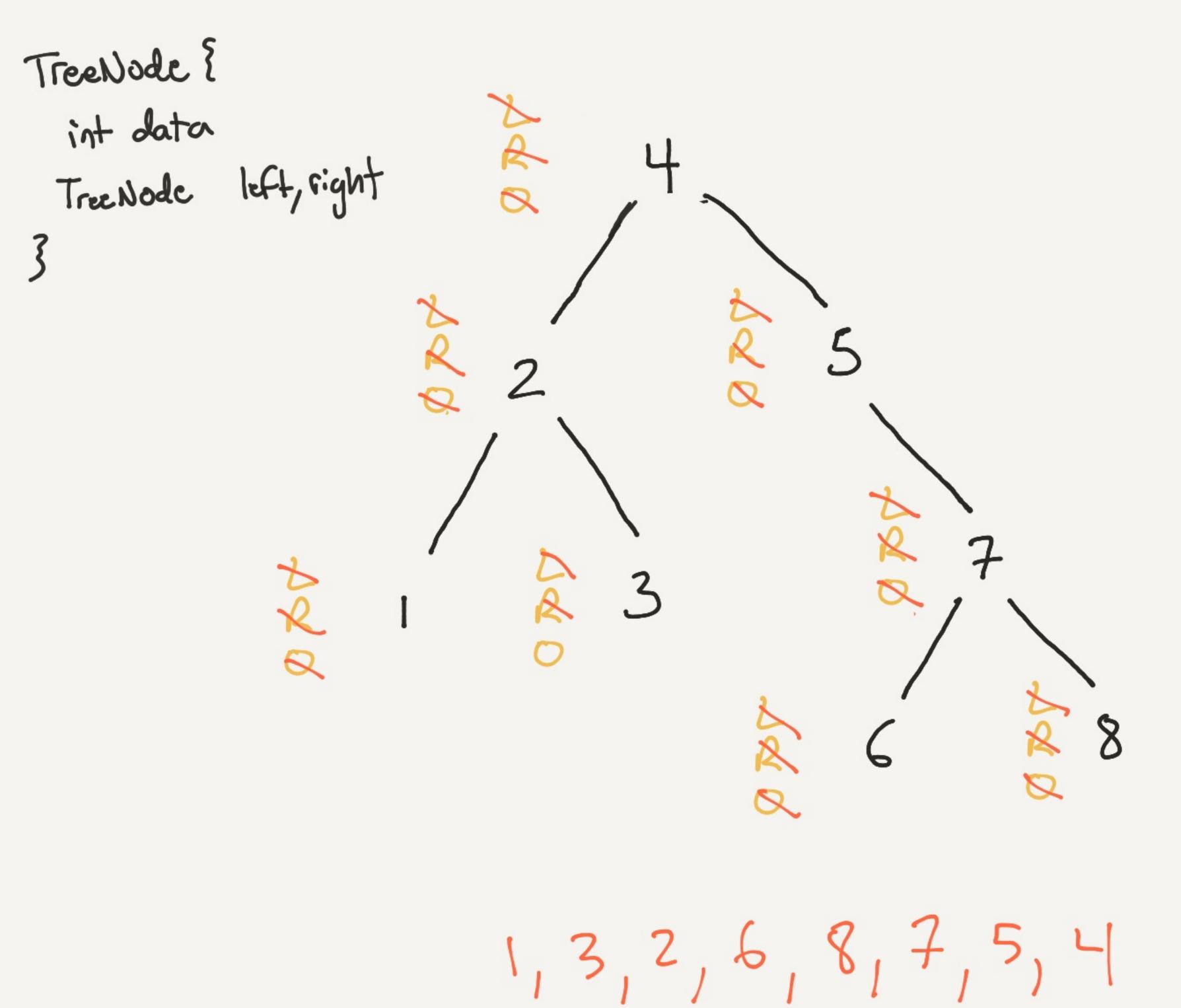
4,2,1,3,5,7,6,8

1, 2, 3, 4, 5, 6, 7, 8.

Left Traverse

Operate

Right Traverse



Left Traverse

Right Traverse

Operate

2. Find all paths from A to D' Trechode (DES) int value int value TreeNode left, right Vertex 8 Undirected ABHCEGFD) BFS Traverseds char id graph List (Vertex) edges

B: A, C, H

Vertex { char id List (vertex) neighbors Curr= (C)

