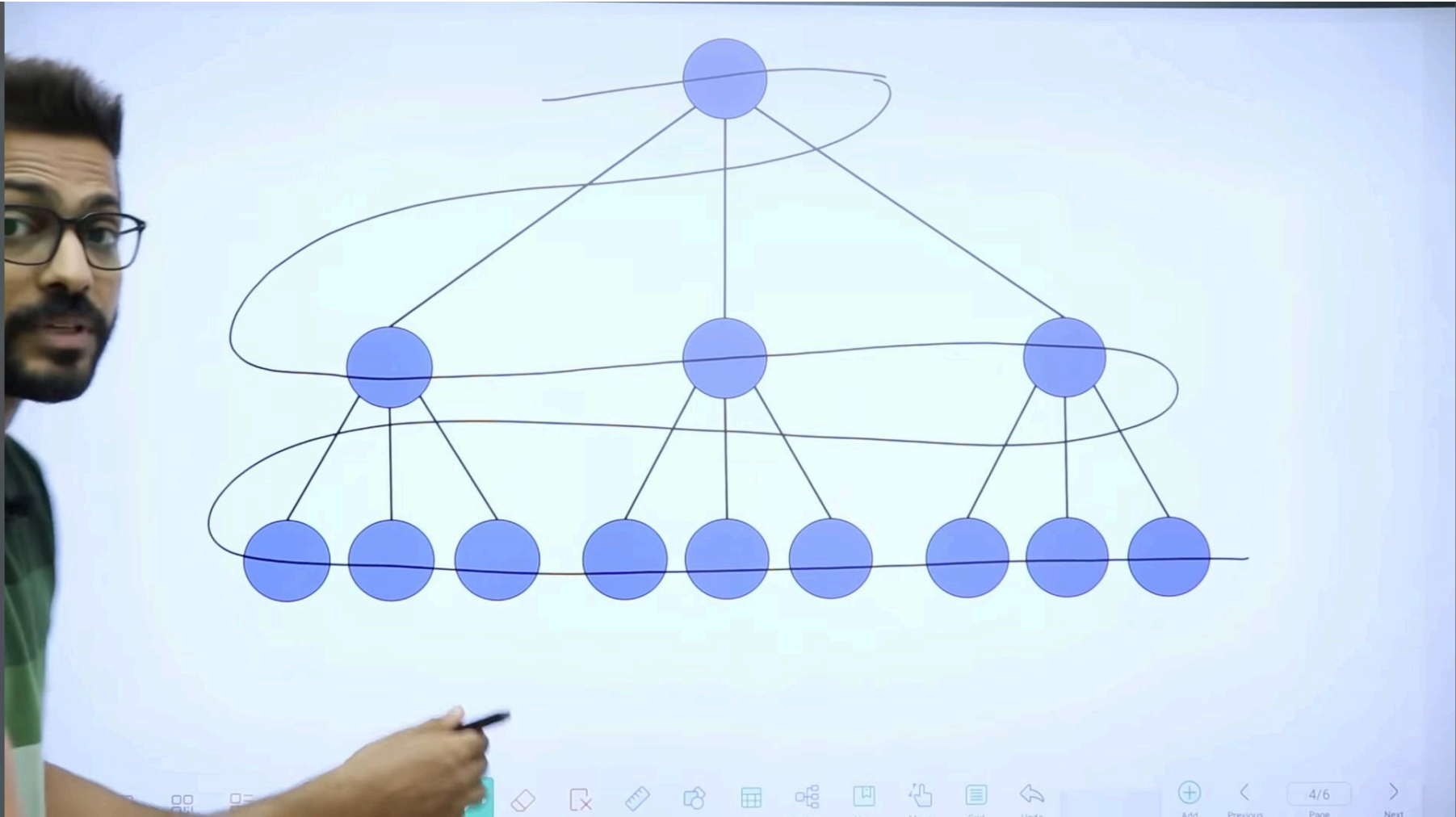
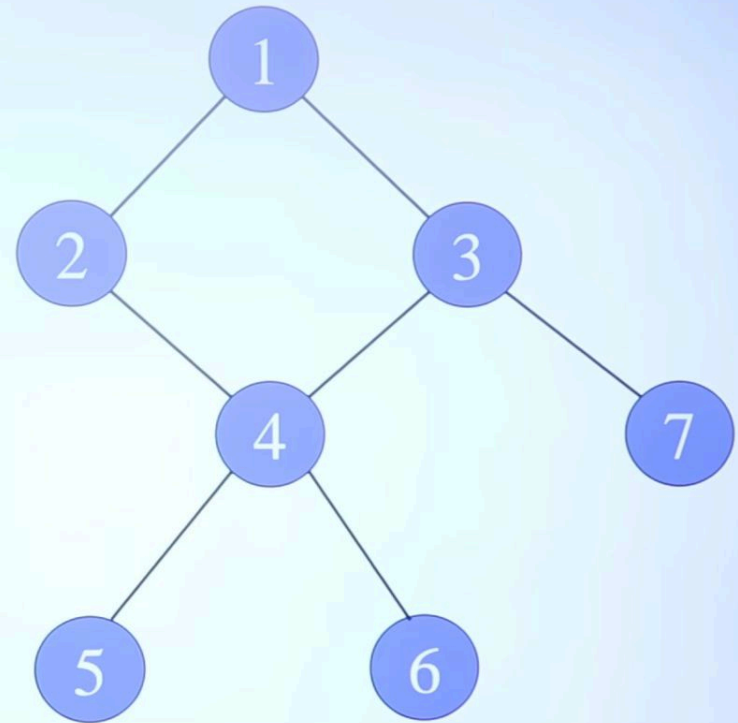


# Introduction To Graph Traversal

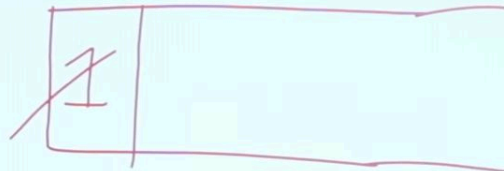
- The process of visiting and exploring a graph for processing is called graph traversal.
- Breadth First Search(BFS)
- Depth First Search(DFS)



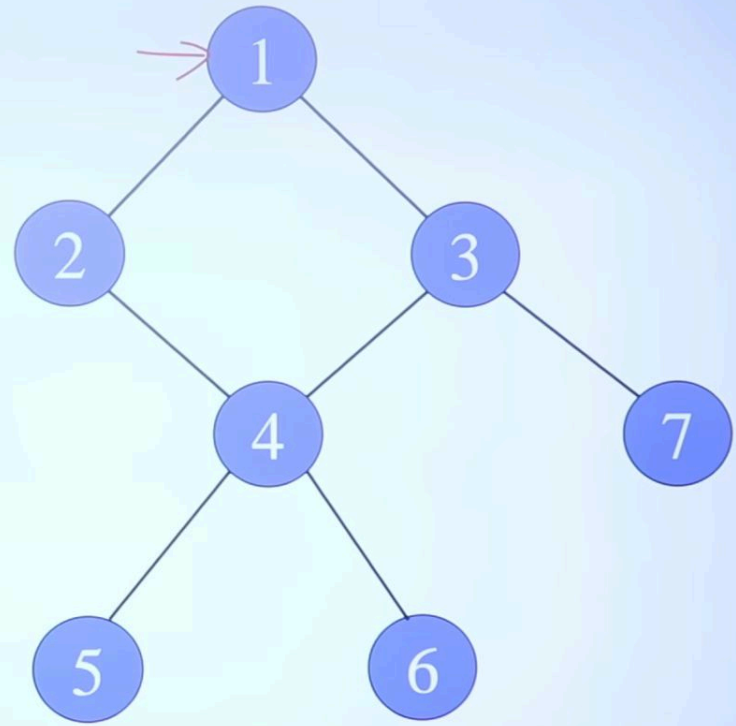
BFS



BFS



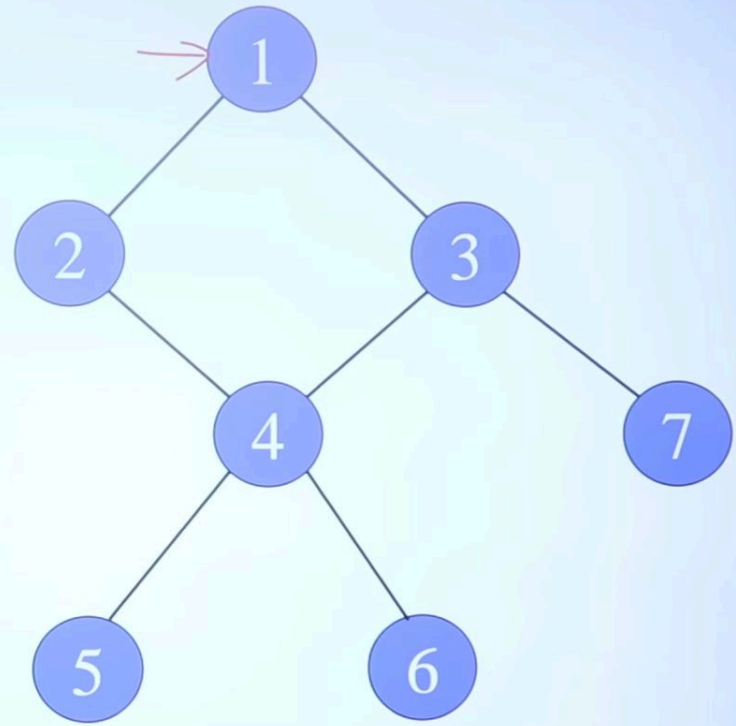
1



BFS

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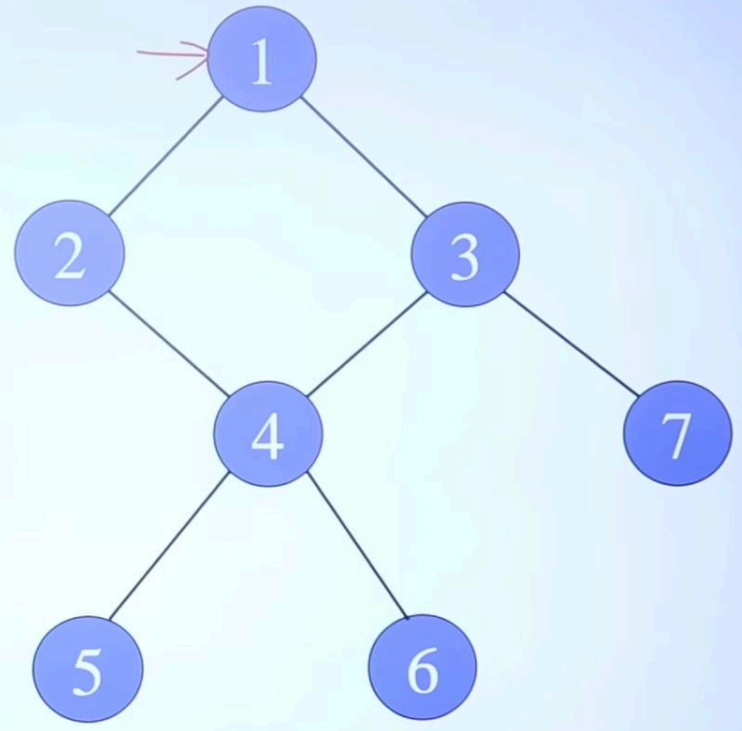
1



BFS

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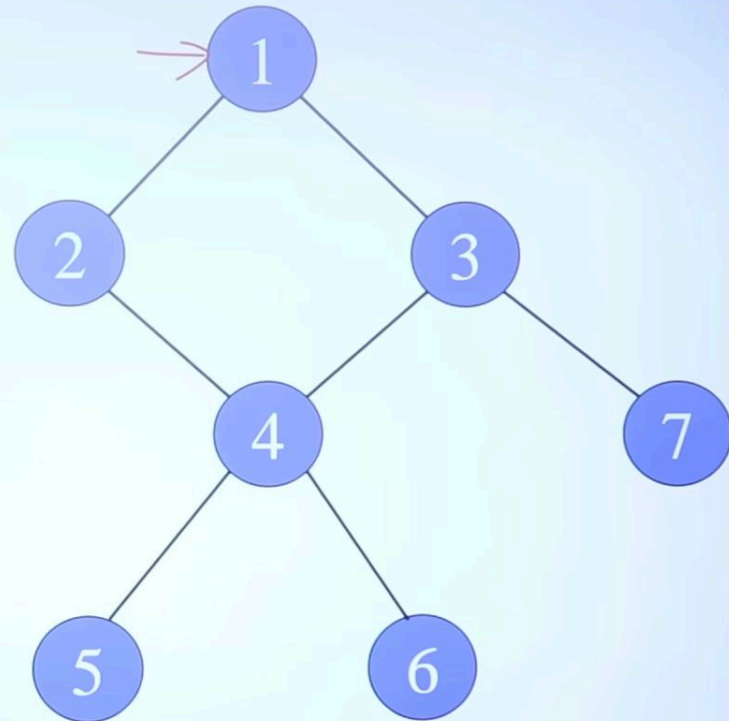
1 2



BFS

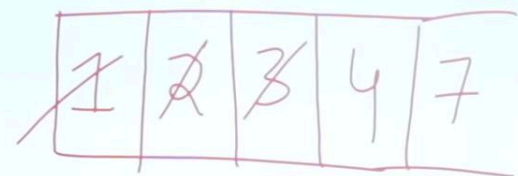
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1 2

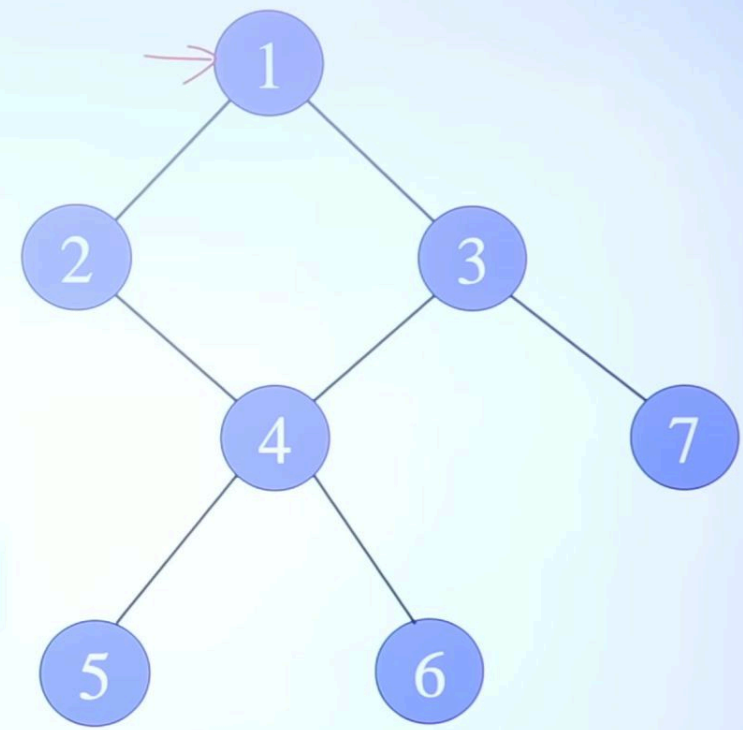




BFS



1 2 3

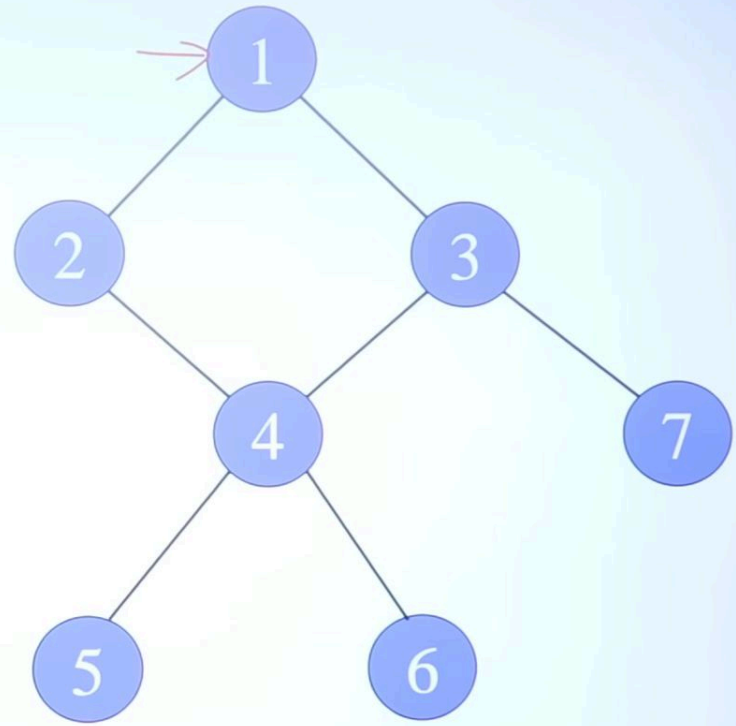




BFS

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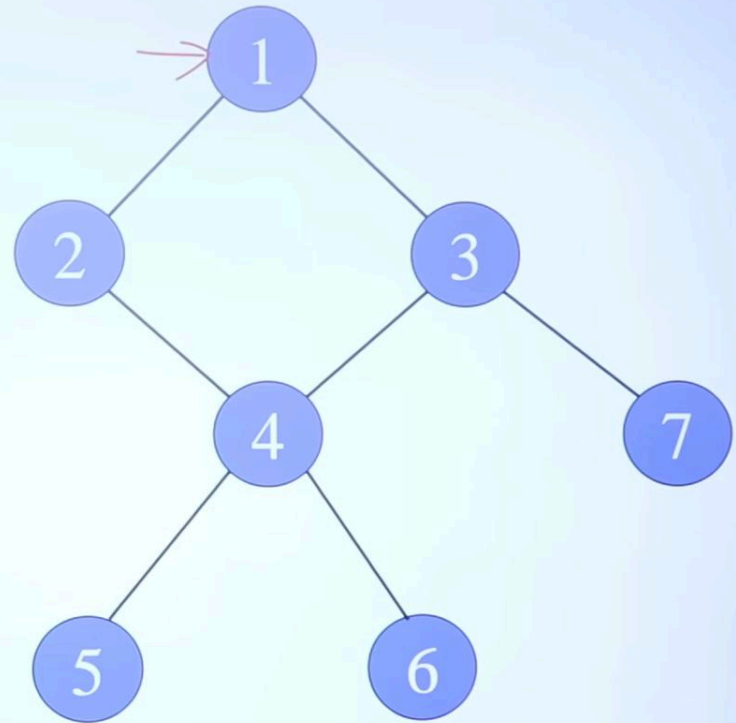
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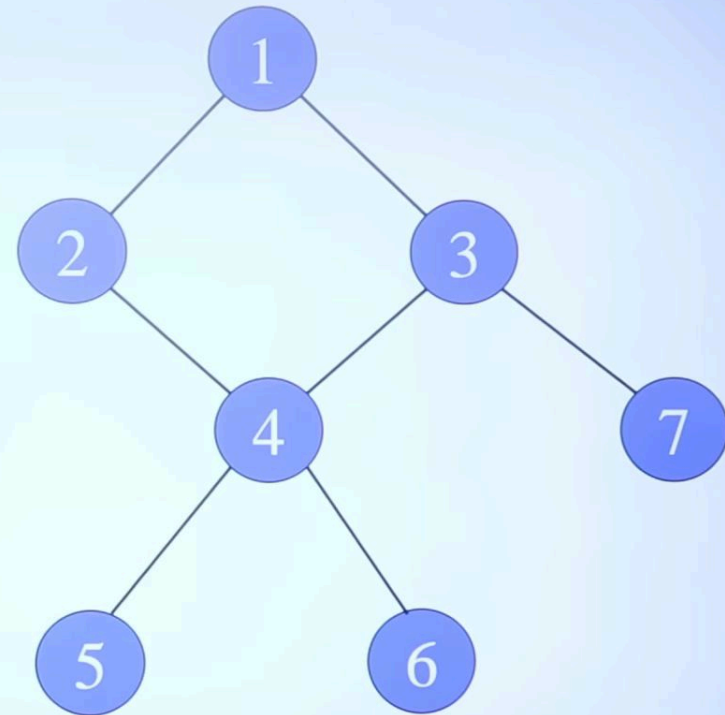
BFS

<del>1</del>	<del>2</del>	<del>3</del>	<del>4</del>	<del>7</del>	<del>5</del>	<del>6</del>
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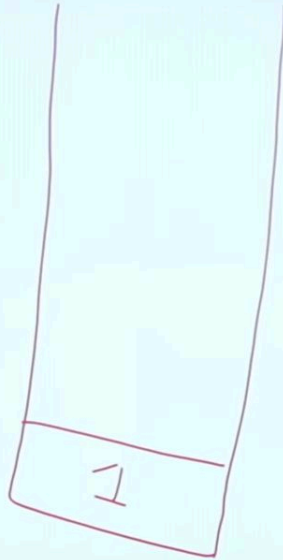
1 2 3 4 7 5 6



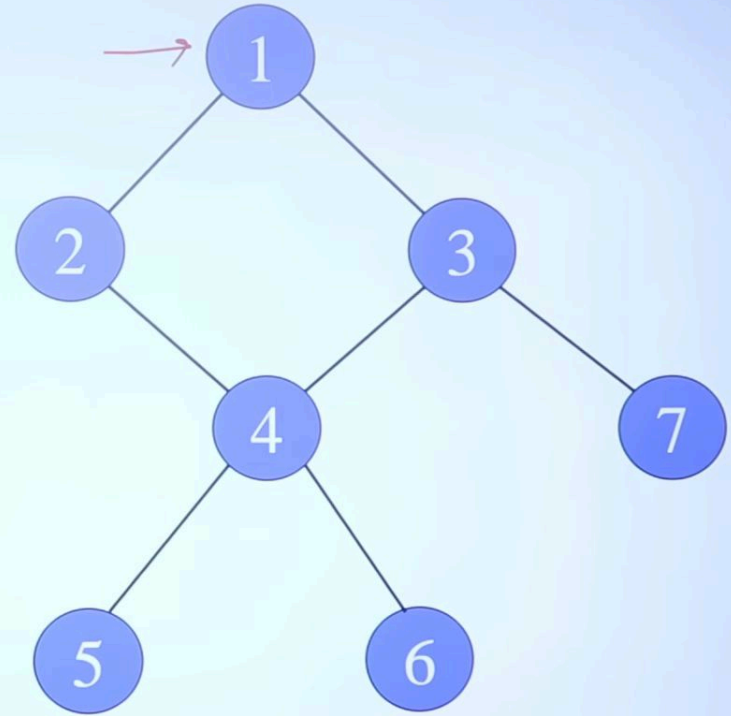
DFS



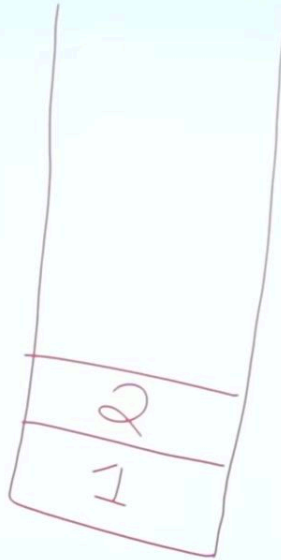
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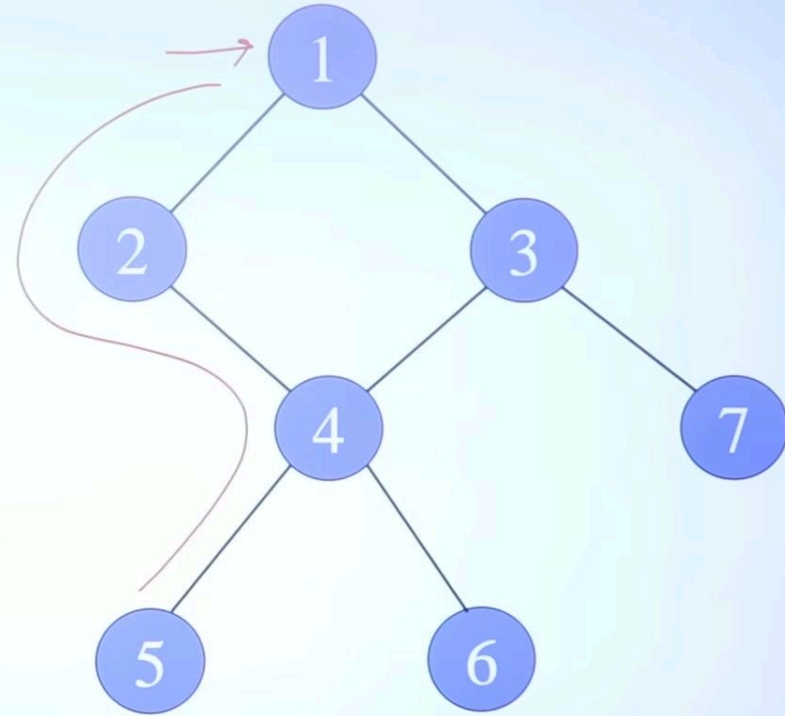
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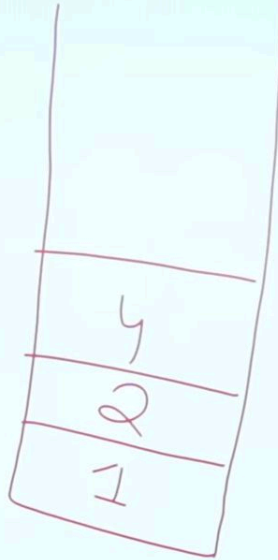
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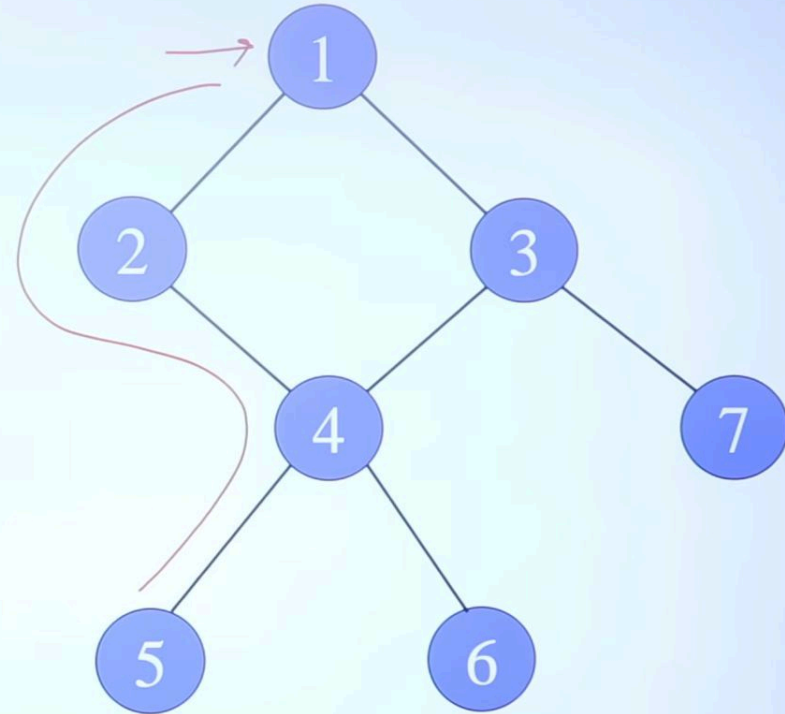
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DFS

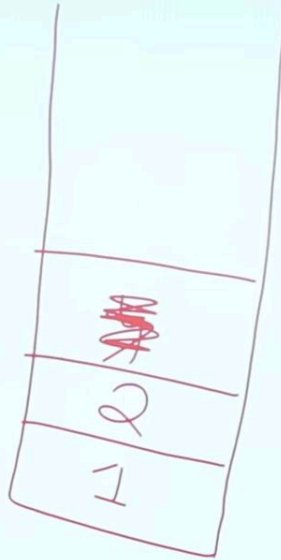


2 4 5

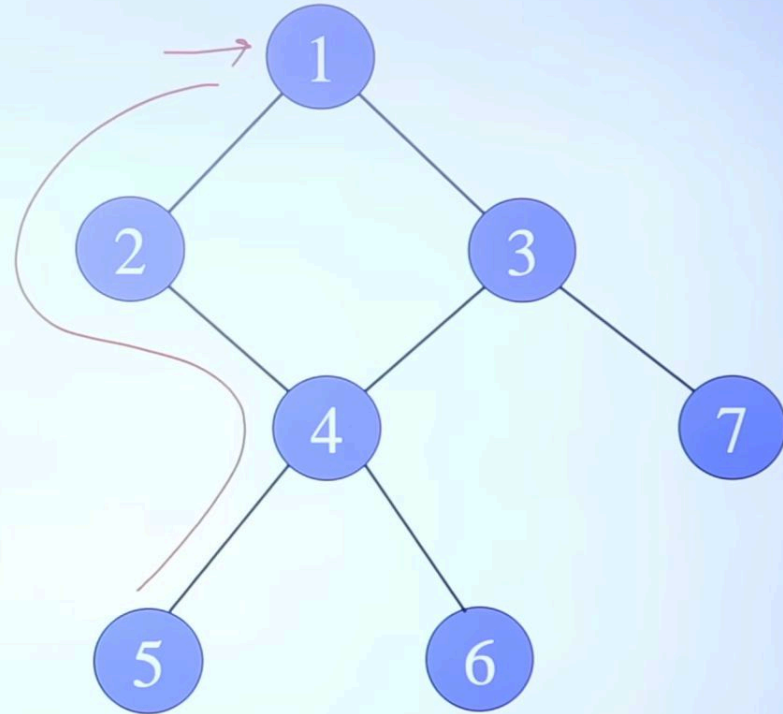




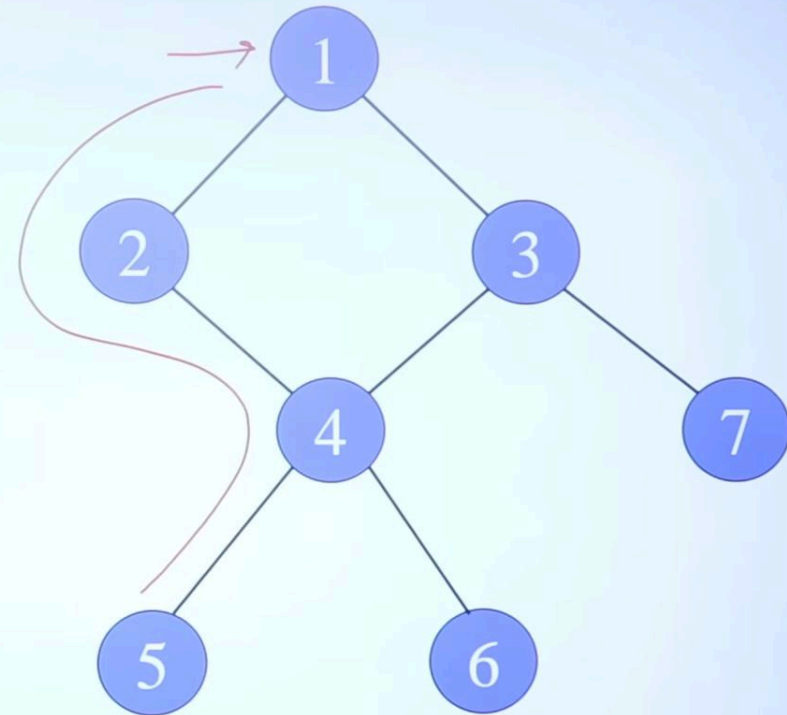
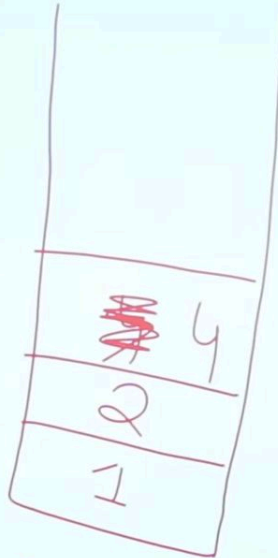
DFS



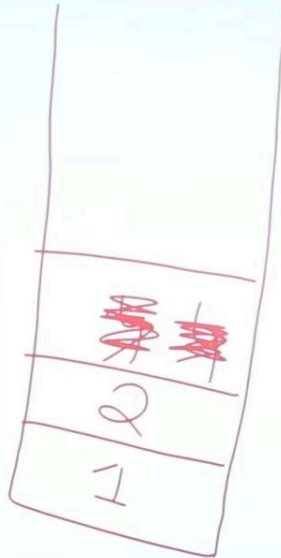
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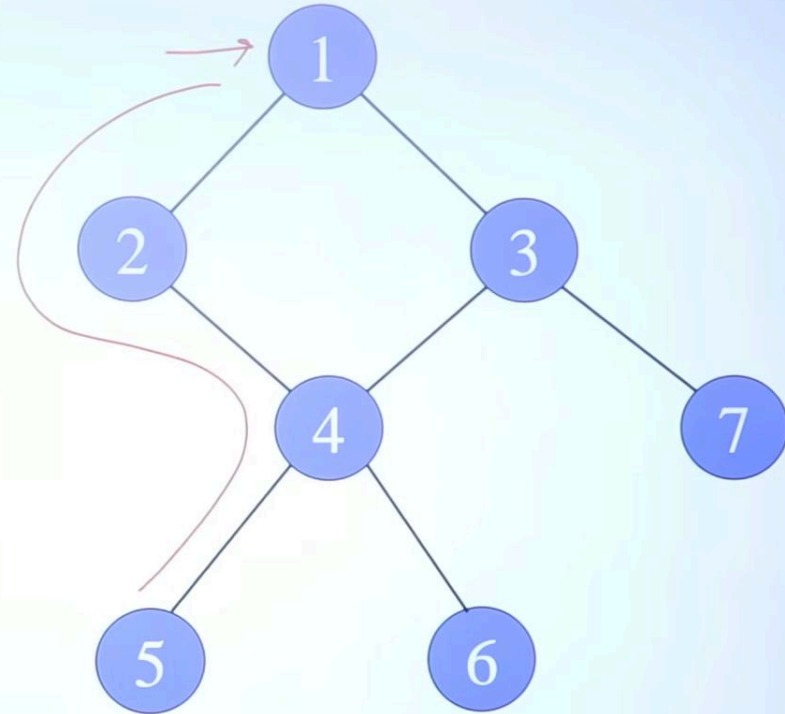
# DFS



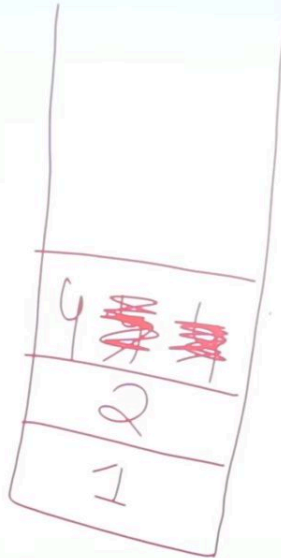
DFS



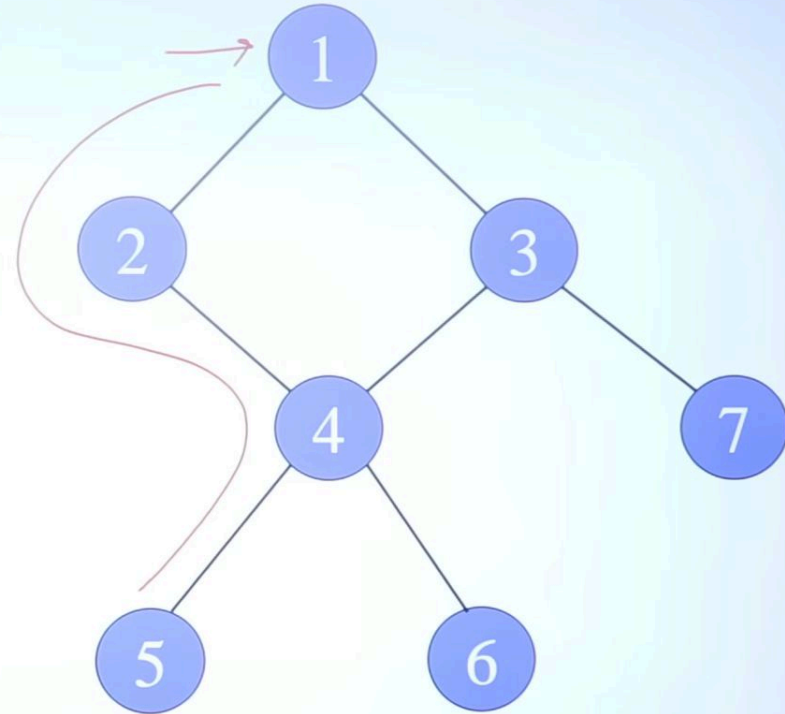
1 2 4 5 6



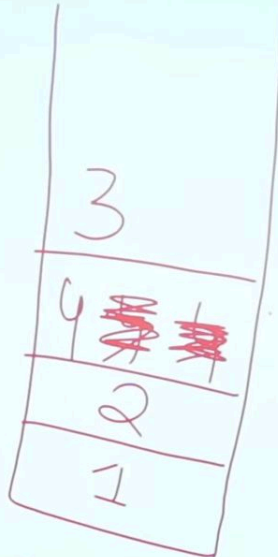
DFS



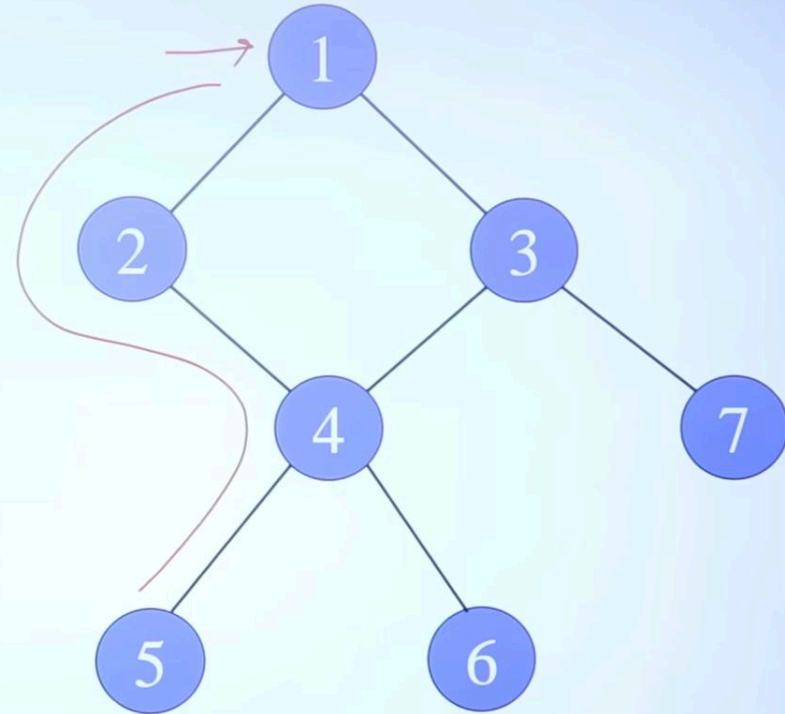
1 2 4 5 6 3



DFS



1 2 4 5 6 3 7



DFS



1 2 4 5 6 3 7

