

Introduction

This pattern is based on the **Breadth First Search (BFS)** technique to traverse a tree.

Any problem involving the traversal of a tree in a level-by-level order can be efficiently solved using this approach. We will use a **Queue** to keep track of all the nodes of a level before we jump onto the next level. This also means that the space complexity of the algorithm will be $O(W)$, where 'W' is the maximum number of nodes on any level.



Let's jump onto our first problem to understand this pattern.

[← Back](#)[Next →](#)

[Solution Review: Problem Challenge 2](#)

[Binary Tree Level Order Traversal \(easy\)](#)

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