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.

✅ **Mark as Completed**

⚠ Report an Issue

❓ Ask a Question (https://discuss.educative.io/tag/introduction__pattern-tree-breadth-first-search__grokking-the-coding-interview-patterns-for-coding-questions)