Problem: Implement breadth-first traversal on a binary tree.

Constraints

- **Can we assume we already have a Node class with an insert method?**
  - **Yes**
- **Can we assume this fits in memory?**
  - **Yes**
- **What should we do with each node when we process it?**
  - **Call an input method `visit_func` on the node**

Test Cases

Breadth-First Traversal

- **5, 2, 8, 1, 3 -> 5, 2, 8, 1, 3**

Algorithm

- **Initialize queue with root**
- **While queue is not empty**
  - **Dequeue and print the node**
  - **Queue the left child**
  - **Queue the right child**

Complexity:

- **Time: O(n)**
- **Space: O(n), extra space for the queue**