**BFS with queue and node**

In this program the code nodes are stored in queue which is FIFO rule and it is traverse level by level when one level is completed then it visit further other levels and the code is as follow:

* + Uses a queue (deque) for Breadth-First Search (BFS) traversal.
  + Starts by adding start to the queue.
  + Iterates while the queue is not empty:
    - Dequeues a node (currNode).
    - Checks if it is already visited.
    - If it matches goal State, stops the search.
    - Otherwise, adds its unvisited neighbors to the queue.
  + Represents a tree where keys are nodes, and values are lists of children.
  + Keeps track of visited nodes to prevent reprocessing.
  + Starts BFS from 'A' and searches for node 'B'.
  + Displays the traversal order.