## BFS operation

- // Get index for given vertex letter
- // Check for index found in list
  - // get current vertex from list, using index
  - // set current vertex to visited and add to string
  - // enqueue current vertex
  - // loop while queue is not empty
    - // get next current vertex from queue dequeue
    - // get first adjacency node from vertex
    - // loop while adjacency node was found
      - // convert adjacency node to current adjacency vertex
      - // check if current adjacency vertex has not been visited
        - // set current adjacency vertex to visited
          // and add to string
        - // enqueue current adjacency vertex
      - // get next adjacency node
  - // end of adjacency node search loop
    // end of loop while queue not empty

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DFS operation
// get index of given vertex letter
// check for index found in list
    // get current vertex from list, using index
    // set the current vertex to visited
    // and add to string
    // push the current vertex onto the stack
    // loop while the stack is not empty
        // get current vertex from stack - peek
        // get the first adjacency node
        // set vertex not found Boolean
        // loop while adjacency node was found
        // and vertex not found Boolean is set
            // convert adjacency node to current adjacency vertex
            // check if current adjacency vertex has not been visited
                // set current adjacency vertex to visited
                // and add to string
                // push current adjacency vertex onto stack
                // unset vertex not found Boolean (stops loop)
            // get the next adjacency node
        // end of adjacency node search loop
        // check for adjacency node not found
        // but vertex not found Boolean is set
            // pop top item off stack
    // end of loop while stack is not empty
```