**Breath First Search (BFS)**

The BSF without queue is as follow:

* + Adds the start node to the visited list.
  + If the start node is the goal State, it stops the search.
  + Recursively calls BFS for each neighbor of start.
  + Represents a tree structure where each node has a list of child nodes.
  + Keeps track of visited nodes to avoid redundant visits.
  + Starts the traversal from node 'A' and searches for node 'B'.
  + Shows the order of visited nodes.

Finally it print the nodes in the BFS algorathem.