

BFS:

- 1- queue data structure
- 2- add to queue initialize state
- 3-add to list visit state
- 4-check is final state if not :
 - 1-get next states for this state
 - 2-add to queue if not existing list visit state
- 5-repeat steps until find the solution

Note: max depth equal depth;

DFS:

- 1- stack data structure
- 2- add to stack initialize state
- 3-add to list visit state
- 4-check is final state if not :
 - 1-get next states for this state
 - 2-add to stack if not existing list visit state
- 5-repeat steps until find the solution

Note: max depth maybe equal depth or not;