* Two ways of searching :-
(i) uninformed search (Blind search)
(ii) Informed Search (Heuristic search)

uninformed searching	Informed searching.
① Search without information	① Search with information
② NO knowledge	② use knowledge to find steps to solution.
③ Time consuming	③ Quick solution.
④ More complexity	④ less complexity. (time, space)
⑤ used DFS, BFS, etc.	⑤ use A^*, Heuristic DFS, Best first Search.

*Information is also called heuristic.

 # BFS (Breadth First Search)

→ It is also called uniformed search technique.
→ Used FIFO (Queue)
→ Shallowest Node
→ It is also called level wise searching.
→ It will always return answer. So it is called complete.
→ It always gives shortest result, so it is optimal.
→ Time Complexity :- $O(V+E)$ → node → edge.
$O(b^d)$; b → branch factor.
d → depth.