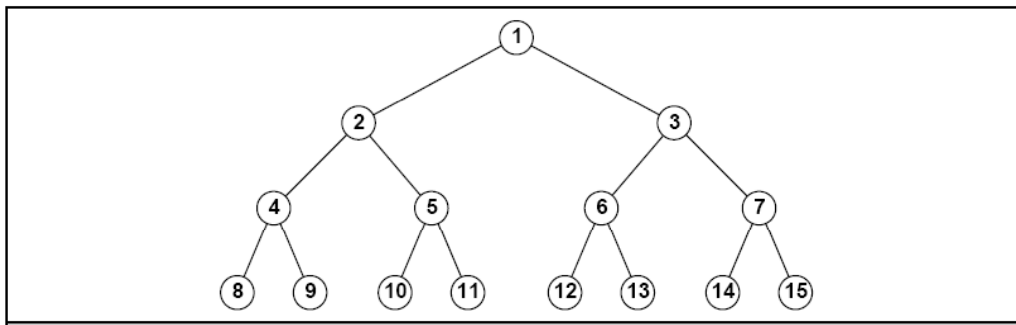


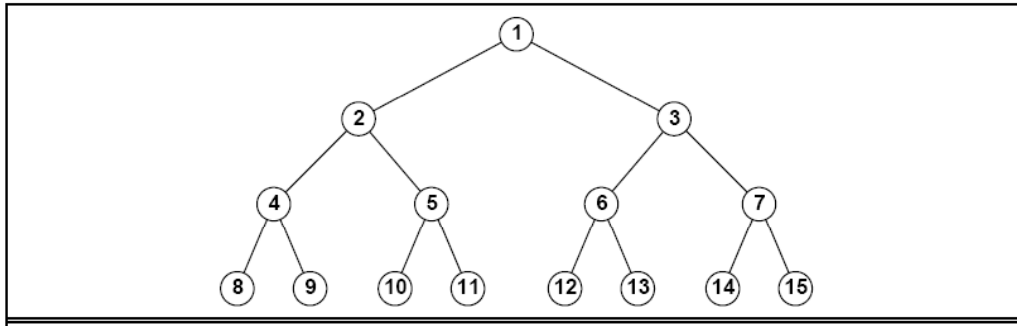
UNINFORMED SEARCH STRATEGIES

In-Class-Exercise



- Suppose the goal state is 11. List the order in which nodes will be visited for
 - Breadth-first search
 - Depth-limited search with limit 3
 - Iterative deepening search.





- Suppose the goal state is 11. List the order in which nodes will be visited for
 - Breadth-first search: 1, 2, 3, 4, 5, 6, 7, 1, 9, 10, 11
 - Depth-limited search with limit 3: 1, 2, 4, 8, 9, 5, 10, 11
 - Iterative deepening search: 1; 1,2,3; 1,2,4,5,3,6,7;1,2,4,8,9,5,10,11

