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SR. NO.	PRACTICAL	SIGN
1.	Write a Program:	
a)	to implement depth first search algorithm.	
b)	to implement breadth first search algorithm.	
2.	Write a Program:	
a)	to simulate 4-Queen/N-Queen Problem.	
b)	to solve tower of Hanoi Problem.	
3.	Write a Program:	
a)	to implement alpha beta search.	
b)	Write a Program for Hill Climbing Problem.	
4.	Write a Program:	
a)	to implement A* algorithm.	
b)	to implement AO* algorithm.	
5.	Write a Program:	
a)	to solve water jug problem.	
b)	Design the simulation of tic-tac-toe game using min-max algorithm.	
6.	Write a Program:	
a)	to solve Missionaries and Cannibals Problem.	
b)	Design an application to simulate number puzzle problem.	
7.	Write a Program: to shuffle Deck of cards.	
a)	to shuffle Deck of cards.	
b)	Solve traveling salesman problem using artificial intelligence technique.	
8.	Solve:	
a)	the block of World Problem.	
b)	constraint satisfaction problem.	
9.	Derive the expressions:	
a)	based on Associative Law.	
b)	based on Distributive Law.	
10.	Write a program:	
a)	to derive the predicate.	
b)	which contains three predicates: male,female,parent. Make rules for following family relations: father, mother,grandfather,grandmother,brother,sister,uncle,aunt,nephew and niece, cousin.	