1. Write a program to implement DFS and BFS on the following graph.

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1. Write a program to implement Greedy best first and A\* search on the following graph. (S is the start state and G is the goal state. The heuristics of the states are h(S)= 12, h(A)= 8, h(D)= 9, h(B)= 7, h(D)= 6, h(E)= 4, h(C)= 5, h(F)= 2, h(G)= 0.)

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1. Write a program to implement Minmax search on the given graph.



1. Write a program to implement the n-queens problem, where n ranges from 4 to 8.

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