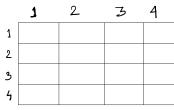
The **4-Queens Problem** is a well-known puzzle that involves placing 4 queens on an 4×4 chessboard in such a way that no two queens threaten each other.

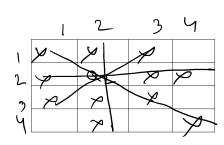
How to Solve the 4 Queen Problem?

To solve this problem, we will use a backtracking algorithm. Backtracking is a technique where we explore all possible solutions by incrementally building the solution and backtracking whenever we find that the current solution is invalid.

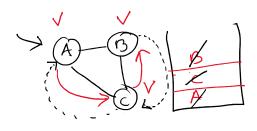
Each queen should be in different Reso, different column and different disposal.



$Q_1 = Rowl$	
Q2=	Row Z
Q3 =	Row3
Q4 =	Row 4



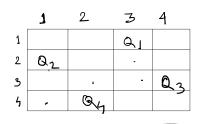
4×3×2×1=41



Total Combinations 2

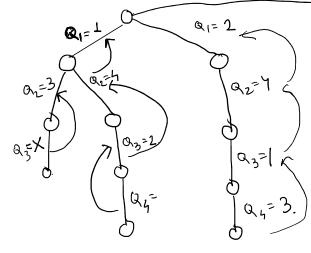
DFS Frame A C B-

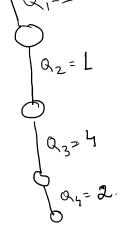
Each quen should be in different Reso, different column and different disposal.



Q1 = Row 1 Q2 = Row 2 Q3 = Row 3 Q4 = Row 4.

Solutions





3 1 4 2 3 4.

DDP VS Greedy.

- 1) DP VS Greedy.
 2) Primas VS Kumhurt.
 3) Djihuktra VS Floyd Waruhall.
 (G) Short Nolü Whyat, why, How?
 TC, SC.