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**ROLL NO:- SU92-BAIFM-F24-001**

Lab 4: N\_Queens Problem

HOW:-

This code uses the Backtracking.

* The SafeCheaker() function checks if a queen can be placed at a given row and column.
* The Solution() function attempts to place queens row by row
* User can Enter the board Size.
* If a valid queen arrangement is found, it is stored in solutions List.
* If no solution exists, the program prints "No solution exists."

Screenshot:-

