## horizontal line

**N-QUEEN Hard**

# **Problem Statements :**

You are given an empty chess board of size N\*N. Find the number of ways to place N queens on the board, such that no two queens can kill each other in one move. A queen can move vertically, horizontally and diagonally.

# **Input Format :**

A single integer N, denoting the size of chess board.

# **Constraints :**

1<=N<=15

# **Output Format :**

A single integer denoting the count of solutions.

# **Sample Input :**

4

# **Sample Output :**

2

**Explanation :**

# None

**Time Limit :**

1 sec