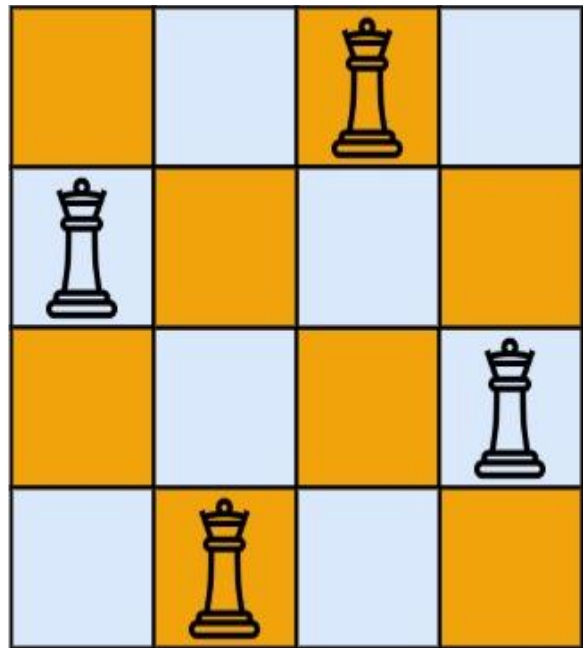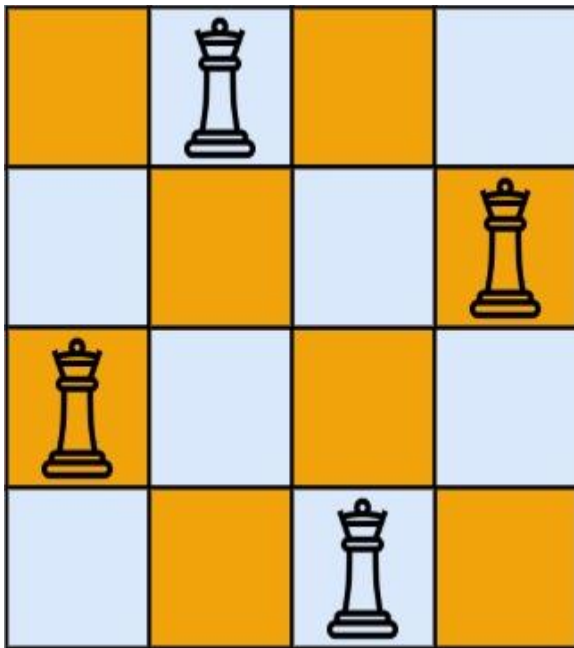# 52. N-Queens II

The n-queens puzzle is the problem of placing n queens on an n x n chessboard such that no two queens attack each other.

Given an integer n, return *the number of distinct solutions to the n-queens puzzle*.

Example 1:

Input: n = 4

Output: 2

Explanation: There are two distinct solutions to the 4-queens puzzle as shown.

Example 2:

Input: n = 1

Output: 1

Constraints:

$1 <= n <= 9$