**52. N-Queens II**

Hard

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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:**

形状, 正方形

描述已自动生成

**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