Problem 52: N-Queens II

Problem Information

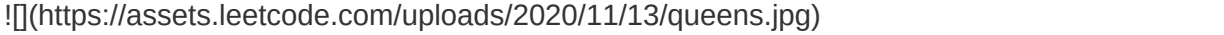
Difficulty: Hard
Acceptance Rate: 77.71%
Paid Only: No
Tags: Backtracking

Problem Description

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`

Code Snippets

C++:

```
class Solution {
public:
int totalNQueens(int n) {

}
};
```

Java:

```
class Solution {
public int totalNQueens(int n) {

}
}
```

Python3:

```
class Solution:
def totalNQueens(self, n: int) -> int:
```