**[Queries on a Matrix](https://practice.geeksforgeeks.org/problems/queries-on-a-matrix0443/1)**

You are given a matrix of dimension n\*n. All the cells are initially, zero. You are given Q queries, which contains 4 integers a b c d where (a,b) is the TOP LEFT cell and (c,d) is the Bottom Right cell of a submatrix. Now, all the cells of this submatrix have to be incremented by one. After all the Q queries have been performed. Your task is to find the final resulting Matrix.  
**Note** : Zero-Based Indexing is used for cells of the matrix. 

**Example 1:**

**Input:** n = 6, q = 6,

Queries = {

{4,0,5,3},

{0,0,3,4},

{1,2,1,2},

{1,1,2,3},

{0,0,3,1},

{1,0,2,4}}.

**Output:**

2 2 1 1 1 0

3 4 4 3 2 0

3 4 3 3 2 0

2 2 1 1 1 0

1 1 1 1 0 0

1 1 1 1 0 0

**Explanation:**After incrementing all the

sub-matrices of given queries we will

get the final output.

**Example 2:**

**Input:** n = 4, q = 2,

Queries = {

{0,0,3,3},

{0,0,2,2}}.

**Output:**

2 2 2 1

2 2 2 1

2 2 2 1

1 1 1 1

**Explanation:**After incrementing all the

sub-matrices of given queries we will

get the final output.

**Your Task:**  
You don't need to read or print anything. Your task is to complete the function **solveQueries()**which takes n and Queries and input parameter and returns a matrix after performing all the queries.

**Expected Time Complexity:**O(n2)  
**Expected Space Complexity:**O(n2)

**Constraints:**  
1 <= n <= 1000  
0 <= a <= c < n  
0 <= b <= d < n  
1 <= No. of Queries <= 1000