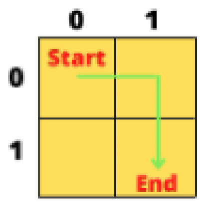
Grid Unique Paths | Count paths from left-top to the right bottom of a matrix

Problem Statement: Given a matrix m X n, count paths from left-top to the right bottom of a matrix with the constraints that from each cell you can either only move to the rightward direction or the downward direction.

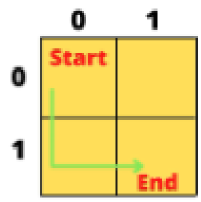
Example 1:

Input Format: m = 2, n= 2
Output: 2
Explanation: From the top left corner there are total 2 ways to reach the bottom right corner:

Step 1: Right ->> Down



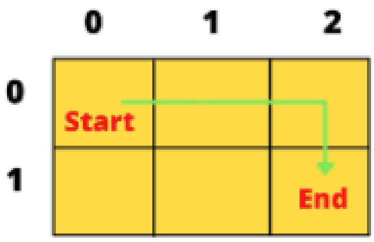
Step 2: Down ->> Right



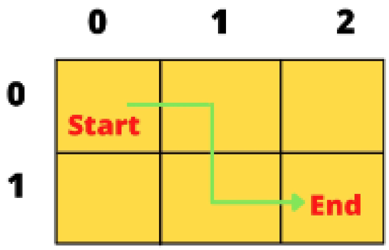
Example 2:

Input Format: m = 2, n= 3
Ouput: 3
Explanation: From the top left corner there is a total of 3 ways to reach the bottom right corner:

Step 1: Right ->> Right ->> Down



Step 2: Right ->> Down ->> Right



Step 3: Down ->> Right->> Right