class Solution(object):

def uniquePaths(self, m, n):

"""

:type m: int

:type n: int

:rtype: int

"""

if m==1 or n==1:

return 1

dp = [[0 for i in range(n)] for i in range(m)]

dp[0][0] = 1

for q in range(n):

dp[0][q]= 1

for l in range(m):

dp[l][0] = 1

for i in range(1,m):

for j in range(1,n):

a,b = 0,0

if i-1>=0:

a = dp[i-1][j]

if j-1>=0:

b = dp[i][j-1]

dp[i][j] = a+b

return dp[-1][-1]