class Solution:

def uniquePaths(self, m: int, n: int) -> int:

if n == 1:

return 1

N = n + m - 2

K = min(n - 1, m - 1)

C=1

for i in range(N,N-K, -1):

C\*=i

for i in range(1, K+1):

C//=i

return C