62. Unique Paths

Medium 5479 250 Add to List Share

A robot is located at the top-left corner of a `m x n` grid (marked 'Start' in the diagram below).

The robot can only move either down or right at any point in time. The robot is trying to reach the bottom-right corner of the grid (marked 'Finish' in the diagram below).

How many possible unique paths are there?

Example 1:


```
Input: m = 3, n = 7
Output: 28
```

Example 2:

```
Input: m = 3, n = 2
Output: 3
Explanation:
From the top-left corner, there are a total of 3 ways to reach the bottom-right corner:
1. Right -> Down -> Down
2. Down -> Down -> Right
3. Down -> Right -> Down
```

Example 3:

```
Input: m = 7, n = 3
Output: 28
```

```
class Solution:
    def uniquePaths(self, m:

        if(m==1 and n==1):
            return 1
        arr = [[0 for i in r
range(m)]
        arr[0][0] = 1

        for i in range(m):
            for j in range(r
                if((i==0 and
j==0)):
                    arr[i][j
                else:
                    arr[i][j
arr[i][j-1]
        return arr[m-1][n-1]
```

Testcase | Run Code Result | Debugger

Accepted Runtime: 60 ms

Your input
3
7

Output 28

Expected 28