138. A robot is located at the top-left corner of a m×n grid .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. How many possible unique paths are there?

Program:

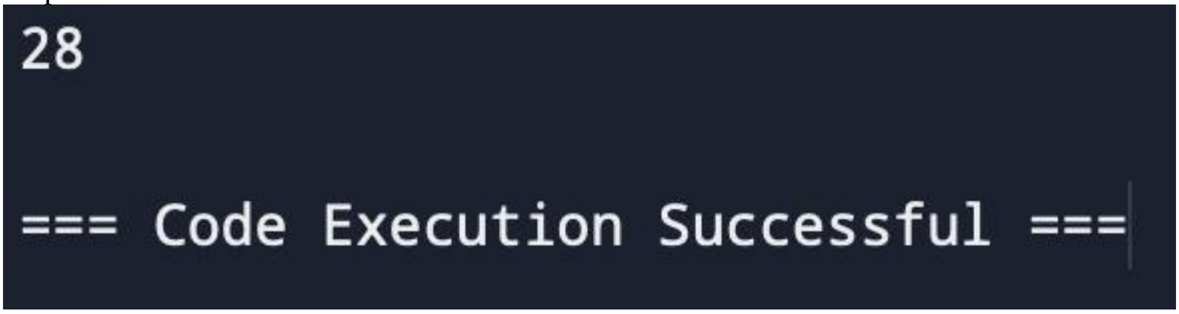
```
class Solution:
    def uniquePaths(self, m: int, n: int) -> int:
        dp = [[1] * n for _ in range(m)]

        for i in range(1, m):
            for j in range(1, n):
                dp[i][j] = dp[i-1][j] + dp[i][j-1]

        return dp[m-1][n-1]

# Example
sol = Solution()
m = 7
n = 3
output = sol.uniquePaths(m, n)
print(output)
```

output:



```
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=== Code Execution Successful ===
```

TIME COMPLEXITY:-O(m*n)