139.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?

Examples:

(i) Input: m=7,n=3 Output: 28

AIM: To Find the possible unique paths

PROGRAM:

```
def uniquePaths(m, n):

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

    for j in range(n):
        dp[0][j] = 1

    for i in range(m):
        dp[i][0] = 1


    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]

print(uniquePaths(7, 3))
```

OUTPUT:

```
28
```

TIME COMPLEXITY: O(m*n)