

Number of Unique Paths

Given a $A \times B$ matrix with your initial position at the top-left cell, find the number of possible unique paths to reach the bottom-right cell of the matrix from the initial position.

Note: Possible moves can be either down or right at any point in time, i.e., we can move to $\text{matrix}[i+1][j]$ or $\text{matrix}[i][j+1]$ from $\text{matrix}[i][j]$.

Example 1:

```
Input:
A = 2, B = 2
Output: 2
Explanation: There are only two unique
paths to reach the end of the matrix of
size two from the starting cell of the
matrix.
```

Example 2:

```
Input:
A = 3, B = 4
Output: 10
Explanation: There are only 10 unique
paths to reach the end of the matrix of
size two from the starting cell of the
matrix.
```

Your Task: Complete `NumberOfPath()` function which takes 2 arguments(A and B) and returns the number of unique paths from top-left to the bottom-right cell.

Expected Time Complexity: $O(AB)$. *Expected Auxiliary Space: $O(AB)$.*

Constraints:

```
1 ≤ A ≤ 15
1 ≤ B ≤ 15
```