

## 64. Minimum Path Sum

### Description

Given a `m x n` `grid` filled with non-negative numbers, find a path from top left to bottom right, which minimizes the sum of all numbers along its path.

**Note:** You can only move either down or right at any point in time.

#### Example 1:

1	3	1
1	5	1
4	2	1

**Input:** `grid = [[1,3,1],[1,5,1],[4,2,1]]`

**Output:** 7

**Explanation:** Because the path `1 → 3 → 1 → 1 → 1` minimizes the sum.

#### Example 2:

**Input:** `grid = [[1,2,3],[4,5,6]]`

**Output:** 12

#### Constraints:

- `m == grid.length`
- `n == grid[i].length`
- `1 <= m, n <= 200`
- `0 <= grid[i][j] <= 200`

