1102. Path With Maximum Minimum Value

Description

Given an `m x n` integer matrix `grid`, return *the maximum* ***score*** *of a path starting at* `(0, 0)` *and ending at* `(m - 1, n - 1)` moving in the 4 cardinal directions.

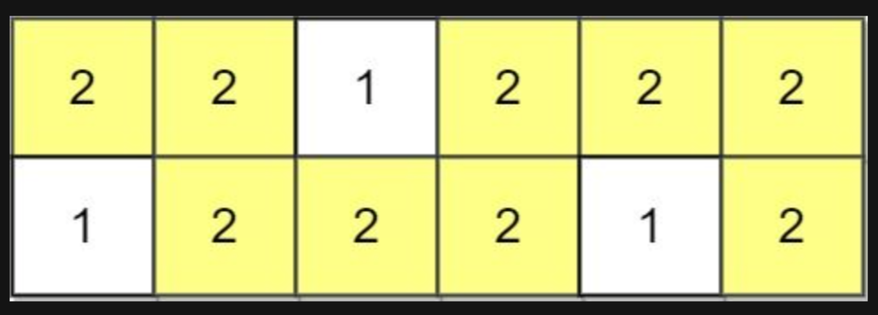
The **score** of a path is the minimum value in that path.

- For example, the score of the path `8 → 4 → 5 → 9` is `4`.

Example 1:

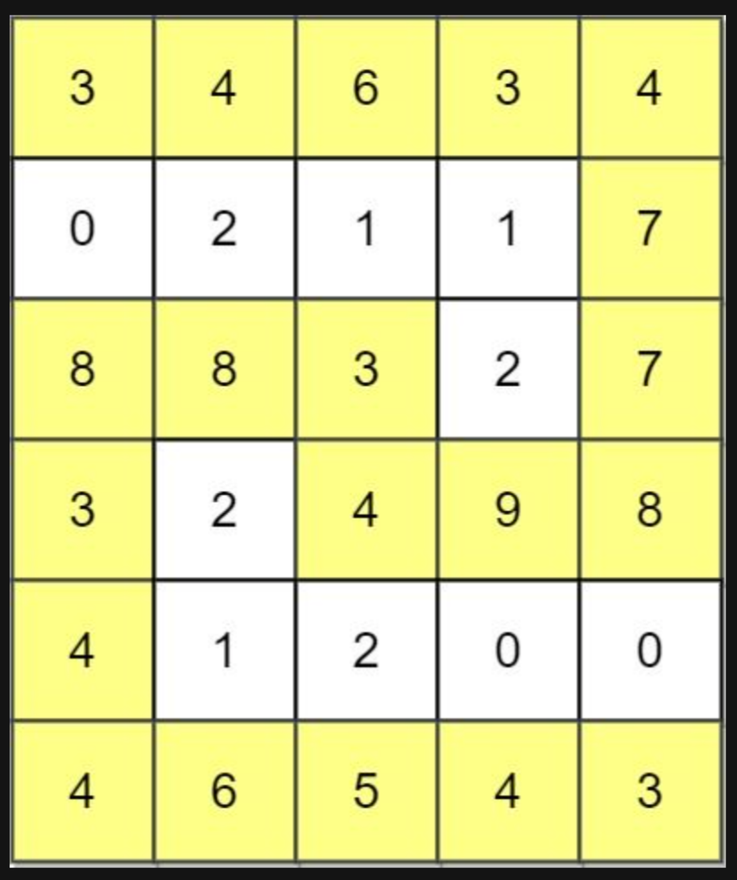

```
Input: grid = [[5,4,5],[1,2,6],[7,4,6]]
Output: 4
Explanation: The path with the maximum score is highlighted in yellow.
```

Example 2:




```
Input: grid = [[2,2,1,2,2,2],[1,2,2,2,1,2]]
Output: 2
```

Example 3:




```
Input: grid = [[3,4,6,3,4],[0,2,1,1,7],[8,8,3,2,7],[3,2,4,9,8],[4,1,2,0,0],[4,6,5,4,3]]
Output: 3
```

Constraints:

- `m == grid.length`
- `n == grid[i].length`
- `1 <= m, n <= 100`
- `0 <= grid[i][j] <= 10^9`