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Escape Maze

Question 277 of 1028

Medium

You are given a two dimensional integer `matrix`, representing a maze where `0` is an empty cell, and `1` is a wall. Given that you start at `matrix[0][0]`, return the minimum number of squares it would take to get to `matrix[R - 1][C - 1]` (where `R` and `C` are the number of rows and columns in the matrix).

If it's not possible, return `-1`.

Constraints

- `n, m ≤ 250` where `n` and `m` are the number of rows and columns in `matrix`

Example 1

Input

```
matrix = [
    [0, 1, 0],
    [0, 0, 1],
    [0, 0, 0]
]
```

Output

```
5
```

Explanation

We can take this path:

```
@ 1 0
@ @ 1
0 @ @
```

Example 2

Input

```
matrix = [
    [0, 0, 0],
    [0, 0, 0],
```

```
import java.util.*;

class Solution {
    public int solve(int[][] matrix) {

    }
}
```

```
    [0, 0, 1]
]
```

Output

```
-1
```