

# 3142. Check if Grid Satisfies Conditions

## Description

You are given a 2D matrix `grid` of size `m x n`. You need to check if each cell `grid[i][j]` is:

- Equal to the cell below it, i.e. `grid[i][j] == grid[i + 1][j]` (if it exists).
- Different from the cell to its right, i.e. `grid[i][j] != grid[i][j + 1]` (if it exists).

Return `true` if **all** the cells satisfy these conditions, otherwise, return `false`.

### Example 1:

**Input:** `grid = [[1,0,2],[1,0,2]]`

**Output:** `true`

**Explanation:**

1	0	2
1	0	2

All the cells in the grid satisfy the conditions.

### Example 2:

**Input:** `grid = [[1,1,1],[0,0,0]]`

**Output:** `false`

**Explanation:**

1	1	1
0	0	0

All cells in the first row are equal.

### Example 3:

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

**Output:** `false`

**Explanation:**

1
2
3

Cells in the first column have different values.

### Constraints:

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

