

## 5506. Strange Printer II

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[Back to Contest \(/contest/biweekly-contest-35/\)](/contest/biweekly-contest-35/)

There is a strange printer with the following two special requirements:

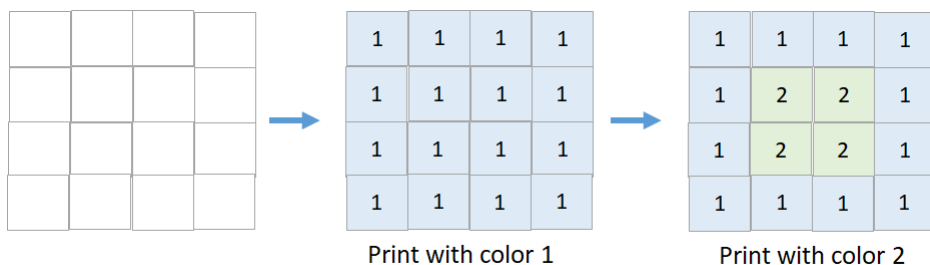
- On each turn, the printer will print a solid rectangular pattern of a single color on the grid. This will cover up the existing colors in the rectangle.
- Once the printer has used a color for the above operation, **the same color cannot be used again**.

You are given a  $m \times n$  matrix `targetGrid`, where `targetGrid[row][col]` is the color in the position  $(row, col)$  of the grid.

Return `true` if it is possible to print the matrix `targetGrid`, otherwise, return `false`.

User Accepted:	0
User Tried:	1
Total Accepted:	0
Total Submissions:	1
Difficulty:	Hard

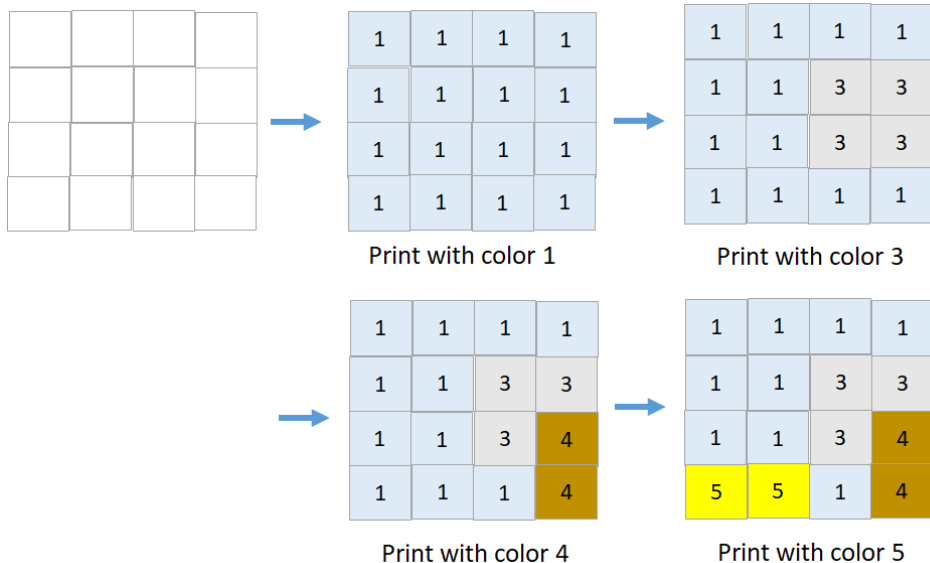
### Example 1:



**Input:** `targetGrid = [[1,1,1,1],[1,2,2,1],[1,2,2,1],[1,1,1,1]]`

**Output:** `true`

### Example 2:



**Input:** targetGrid = [[1,1,1,1],[1,1,3,3],[1,1,3,4],[5,5,1,4]]

**Output:** true

### Example 3:

**Input:** targetGrid = [[1,2,1],[2,1,2],[1,2,1]]

**Output:** false

**Explanation:** It is impossible to form targetGrid because it is not allowed to print the same color at once.

### Example 4:

**Input:** targetGrid = [[1,1,1],[3,1,3]]

**Output:** false

### Constraints:

- $m == \text{targetGrid.length}$
- $n == \text{targetGrid}[i].\text{length}$
- $1 \leq m, n \leq 60$
- $1 \leq \text{targetGrid}[\text{row}][\text{col}] \leq 60$

JavaScript



```

1  /**
2   * @param {number[][]} targetGrid
3   * @return {boolean}
4   */
5  var isPrintable = function(targetGrid) {
6
7  };

```

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