

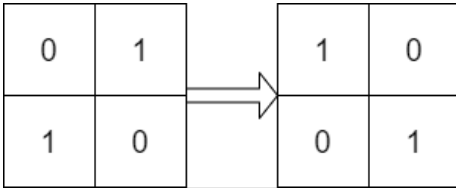
## 5776. Determine Whether Matrix Can Be Obtained By Rotation

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Given two  $n \times n$  binary matrices `mat` and `target`, return `true` if it is possible to make `mat` equal to `target` by **rotating** `mat` in **90-degree increments**, or `false` otherwise.

**Example 1:**

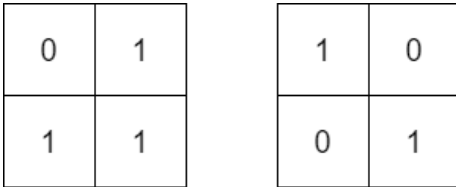


**Input:** `mat = [[0,1],[1,0]]`, `target = [[1,0],[0,1]]`

**Output:** `true`

**Explanation:** We can rotate `mat` 90 degrees clockwise to make `mat` equal `target`.

**Example 2:**

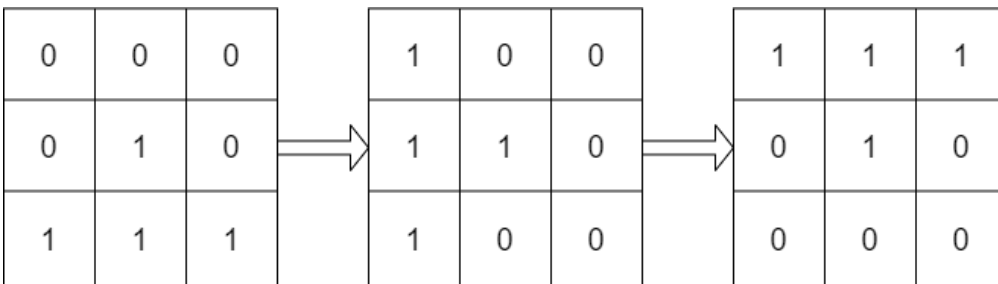


**Input:** `mat = [[0,1],[1,1]]`, `target = [[1,0],[0,1]]`

**Output:** `false`

**Explanation:** It is impossible to make `mat` equal to `target` by rotating `mat`.

**Example 3:**



**Input:** `mat = [[0,0,0],[0,1,0],[1,1,1]]`, `target = [[1,1,1],[0,1,0],[0,0,0]]`

**Output:** `true`

**Explanation:** We can rotate `mat` 90 degrees clockwise two times to make `mat` equal `target`.

**Constraints:**

- $n == \text{mat.length} == \text{target.length}$
- $n == \text{mat}[i].\text{length} == \text{target}[i].\text{length}$
- $1 \leq n \leq 10$
- `mat[i][j]` and `target[i][j]` are either 0 or 1.

Java



```
1 class Solution {  
2     public boolean findRotation(int[][] mat, int[][] target) {  
3  
4     }  
5 }
```

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