835. Image Overlap

Description

You are given two images, [img1] and [img2], represented as binary, square matrices of size [n x n]. A binary matrix has only [0] s and [1] s as values.

We **translate** one image however we choose by sliding all the 1 bits left, right, up, and/or down any number of units. We then place it on top of the other image. We can then calculate the **overlap** by counting the number of positions that have a 1 in **both** images.

Note also that a translation does not include any kind of rotation. Any 1 bits that are translated outside of the matrix borders are erased.

Return the largest possible overlap.

Example 1:

1	1	0		0	0	0
0	1	0		0	1	1
0	1	0		0	0	1
img1			ž.	img2		

Example 2:

```
Input: img1 = [[1]], img2 = [[1]]
Output: 1
```

Example 3:

```
Input: img1 = [[0]], img2 = [[0]]
Output: 0
```

Constraints:

- n == img1.length == img1[i].length
- n == img2.length == img2[i].length
- 1 <= n <= 30
- img1[i][j] is either 0 or 1.
- img2[i][j] is either 0 or 1.