1072. Flip Columns For Maximum Number of Equal Rows

Description

You are given an `m x n` binary matrix `matrix`.

You can choose any number of columns in the matrix and flip every cell in that column (i.e., Change the value of the cell from `0` to `1` or vice versa).

Return *the maximum number of rows that have all values equal after some number of flips*.

Example 1:

```
Input: matrix = [[0,1],[1,1]]
Output: 1
Explanation: After flipping no values, 1 row has all values equal.
```

Example 2:

```
Input: matrix = [[0,1],[1,0]]
Output: 2
Explanation: After flipping values in the first column, both rows have equal values.
```

Example 3:

```
Input: matrix = [[0,0,0],[0,0,1],[1,1,0]]
Output: 2
Explanation: After flipping values in the first two columns, the last two rows have equal values.
```

Constraints:

- `m == matrix.length`
- `n == matrix[i].length`
- `1 <= m, n <= 300`
- `matrix[i][j]` is either `0` or `1`.