

73 Set Matrix Zeroes

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🏷️ Tags	Medium
🔗 link	https://leetcode.com/problems/set-matrix-zeroes/
# Problem Number	73
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Description

Given an $m \times n$ integer matrix `matrix`, if an element is `0`, set its entire row and column to `0`'s.

You must do it in place.

```
# get rows and cols to zero
# make them zero
class Solution:
    def setZeroes(self, matrix: List[List[int]]) -> None:
        """
        Do not return anything, modify matrix in-place instead.
        """
        rows = {}
        cols = {}
        m = len(matrix)
        n = len(matrix[0])
        for i in range(0, m):
            for j in range(0, n):
                if matrix[i][j] == 0:
                    rows[i] = True
                    cols[j] = True

        for i in range(0, m):
            for j in range(0, n):
                if (i in rows and rows[i]) or (j in cols and cols[j]):
                    matrix[i][j] = 0
```

