

Set Matrix Zeroes

Question: Given a $m \times n$ matrix, if an element is 0, set its entire row and column to 0. Do it in place

Solutions:

class Solution:

@param matrix, a list of lists of integers

RETURN NOTHING, MODIFY matrix IN PLACE.

def setZeroes(self, matrix):

m, n = len(matrix), len(matrix[0])

temp = [[matrix[i][j] for j in range(n)] for i in range(m)]

for i in range(m):

for j in range(n):

if not temp[i][j]:

self.setZero(i,j,n,m,matrix)

def setZero(self,row,col,n,m,matrix):

for i in range(m):

matrix[i][col]=0

for j in range(n):

matrix[row][j]=0