# Count zeros in a sorted matrix

Given a **N X N** binary Square Matrix where each row and column of the matrix is sorted in ascending order. Find the total number of **zeros** present in the matrix.

## Example 1:

## Example 2:

#### Your Task:

You don't need to read input or print anything. Your task is to complete the function **countZeros()** which takes a **2D matrix** as input and returns the number occurring only once.

**Expected Time Complexity:** O(N). **Expected Auxiliary Space:** O(1).

### **Constraints**

```
0 < N <= 10^3
0 <= A[i] <= 1
```

```
def countZeroes(self, A, N):
    i = 0
    j = len(A[0])-1
    count = 0
    while i<len(A) and j>=0:
        temp = A[i][j]
        if temp ==0:
        count += j+1
        i = i+1
```

else: j = j-1 return count