**SOLUTION**

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\* // This is the BinaryMatrix's API interface.

\* // You should not implement it, or speculate about its implementation

\* class BinaryMatrix {

\* public:

\* int get(int x, int y);

\* vector<int> dimensions();

\* };

\*/

class Solution {

public:

int leftMostColumnWithOne(BinaryMatrix &binaryMatrix) {

vector<int> dim=binaryMatrix.dimensions();

int r=dim[0];

int c=dim[1];

int result=-1;

if(r==0 || c==0)

return -1;

int row=0;

int col= c-1;

while(row < r && col>=0){

if((binaryMatrix.get(row,col))==1){

result=col;

col--;

}else{

row++;

}

}

return result;

}

};

**TIME COMPLEXITY: O(M+N)**

**SPACE COMPLEXITY: O(1)**