Minimum path sum

class Solution {

public int minPathSum(int[][] grid) {

int min=-1;

for(int i=0;i<grid.length;i++){

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for(int j=0;j<grid[0].length;j++){

if(i==0&&j!=0){

grid[i][j] +=grid[0][j-1];

}

else if(i!=0&&j==0){

grid[i][j] +=grid[i-1][0];

}else{

if(i!=0){

min=Math.min(grid[i-1][j],grid[i][j-1]);

grid[i][j] +=min;}

}

}

}

return grid[grid.length-1][grid[0].length-1];

}

}