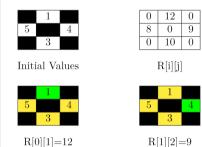


Example 1:



Input: grid = [[-1,1,-1],[5,-1,4],[-1,3,-1]]

Output: 39

Let's jump on the bottom-left grid in the above picture and calculate R[0][1] (the target cell is colored green). We should sum up the value of cells that can't be reached by the cell (0, 1). These cells are colored yellow in this grid. So R = 5 + 4 + 3 = 12.

Now let's jump on the bottom—right grid in the above picture and calculate R[1][2] (the target cell is colored green). We should sum up the value of cells that can't be reached by the cell (1, 2). These cells are colored yellow in this grid. R[1][2] = 1 + 5 + 3 = 9.

