

0	1	0	1	0	1	1	1
1	1	1	1	1	1	1	1
1	1	1	1	1	1	1	1
1	1	1	1	1	0	1	1
0	0	1	0	1	0	1	0
1	1	0	1	1	1	1	1
1	1	1	1	1	1	1	1

$dp[i][j]$

represents

max length edge  
of a square  
possible such  
that  $(i, j)$  is  
top left corner.

for ( $i: m-1$  to  $0$ )

for ( $j: n-1$  to  $0$ )

if ( $i == m-1 \parallel j == n-1$ )

$dp[i][j] = grid[i][j]$

else

$dp[i][j] = 1 + \min \{ dp[i+1][j],$   
 $dp[i][j+1],$   
 $dp[i+1][j+1] \}$

$ans += dp[i][j]$