7. Let $dp[i,j]$ be max # of coins

$$dp[i,j] = c[i,j] + \max(dp[i-1,j], dp[i,j-1])$$

base case: $i=0$ or $j=0$, $dp[i,j] = c[i,j]$

there n^2 subproblems, each take $O(1)$ time to solve.

$\therefore O(n^2)$ is running time