

完全背包与爬楼梯, dp每个状态依赖于多个状态(n)

$s[n]$

$wordDict[m]$

从后向前

$dp[n] = or \left\{ \begin{array}{l} wdl = len[wordDict[i]] \\ s[n-wdl+1:n] == wordDict[i]? \quad dp[n-wdl] : false \\ i = 1, 2, \dots, m \end{array} \right.$

return $dp[n]$

从前向后

$dp[i] = or \left\{ \begin{array}{l} wdl = len[wordDict[i]] \\ s[i:wdl+i] == wordDict[i]? \quad dp[i+wdl] : false \\ i = 1, 2, \dots, m \end{array} \right.$

return $dp[0]$

由于 subStr 不用额外判断代码更简洁