

nums = [1, 2, 3, 1]

dp[n] 代表偷盗从 0-n 家的最大收益

$$dp[n] = \max \begin{cases} \textcircled{1} \text{ 偷第 } n \text{ 家} & \text{nums}[n] + dp[n-2] \\ \textcircled{2} \text{ 不偷第 } n \text{ 家} & dp[n-1] \end{cases}$$

$$dp[0] = \text{nums}[0]$$

$$dp[i] = 0 \quad i < 0$$

$$[0, n-2] \quad \text{len} = n-1$$

$$[1, n-1] \quad \text{len} = n-1$$

$$\max \begin{cases} \text{range Rob } (0, n-1) \\ \text{range Rob } (1, n-1) \end{cases}$$