TABULATION
(Tạo bảng)

MEMOIZATION
(Ghi nhớ)

Bottom Up ↑

Top down ↓

TABULATION

State Transition:

Base state (dp[0]) → Desired state (dp[n])

Difficulty:

State Transition is **difficult** to figure out

Code:

Many **conditions** ↑ **Complex**

Speed(Same complexity):

Faster - directly access table
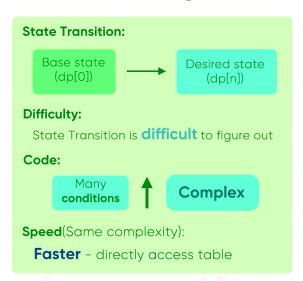
Recommend
The formula is easy to form
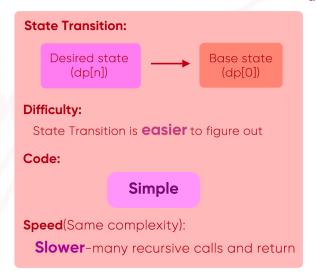The problem has few parameters
The problem has few conditions

MEMOIZATION

State Transition:

Desired state (dp[n]) → Base state (dp[0])

Difficulty:

State Transition is **easier** to figure out

Code:

Simple

Speed(Same complexity):

Slower-many recursive calls and return

Recommend
The formula is hard to form
The problem has many parameters
The problem has many conditions