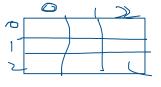
Solution we often > Store the value water coloulate - Next time do Pich for story MEMOIZATION Intere case size of Acray = m+1

O 1 2 3 4 5 - - - -At each array elment fis (index) 1 - Create Array of size m+ 1 -> Store anseres once calculat 3. >> If answer exists then do r sicalculate & pick for Z folk (H) 2) fib(3) fib (2) (2) +0 Yb(1) Top - Down

John marcine de line partie

How to Solve Any DP Problem in 3 Steps:

- Create a Recursive Solution for the problem // Check if prerequisites of DP are there then apply next 2 steps
- 2. Memoize It
 - a. Create a storage array whose dimensions depend on the question(Number of variables in the question) & pass it.
 - b. Store the results in the array.
 - c. Check if the function call has already been made and its value is stored in our storage. If so, then do not recalculate and reuse that value.
- 3. Tabulate it
 - a. See the memoized solution and tabulate accordingly in bottom up manner.



3×3 (~~ ((m.