24 June 2020 20:59

HW:

- 1. https://www.geeksforgeeks.org/count-ways-reach-nth-stair-using-step-1-2-3/

2. https://www.geeksforgeeks.org/edit-distance-dp-5/ Frbonacci Series Link for reference: https://www.geeksforgeeks.org/top-20-dynamic-programming-interview-questions/ fib(n) = fib(n-1) + fib(m-2); tib(5) ربه اجرد

ue offer-s Store Hom It if already stored then don't scalarate and pick from Storage. ton Storage take an array. fill.) 2 3 4 5 6 - - m Size of At each array element, fil [index] is stoned 1 > Create array of Size [m+1] 2 > Store the answers and 3> If answer exists then pick from array
do not secalculate Memoizatio TABULATION

How to solve any question on DP in 3 steps.

- 1. Create the Recursive Solution
- 2. Memoize It
 - a. Create a storage array whose dimensions depend on the question & pass it.
 - b. Store the results in array.
 - c. Check if the function call has already been made and its value is stored in our storage array.
- 3. Tabulate It
 - a. See the memoized solution and tabulate accordingly from bottom to up.