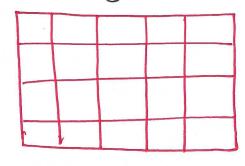
Dynamic Programming



These lecture notes on the concept of dynamic programming is inspired by the fautcestor playlist of videos put together by "Aditya Vorma" on YouTube.

- Dyramic Programming is one of the bey problem solving techniques a programmer can have under his her oversenal. We will see the reasons as to why this is one of the most important techniques to learn and under what circumstances does it find use throughout this lecture series/notes.

- A general observation that has been done across Students trying to solve/approach the problem using the concept of dynamic programming is that they usually start the problem first hand by directly. drawing populating a matrix like so:



approach)

taken by students who are drying to momorize the solutions to the problems) Cthis approach is usually

NOTE: One should nower directly stant drawing a table when they see or are told that a panticular problem can be solved using dynamic programming. This way one could never be able to assimilate the concept of dynamic programming.