

In my college the first company to visit was Nutanix, who offered 22lpa base salary Flipkart has 16lpa. Nutanix only visited our college for Interns. The first question they asked us was on a derivative of Matrix chain multiplication which is of course DP. In a DP problems we will always be given a choice Choice in a sense. If recursion have overlapping subproblems then DP can be applied to DP problems. DP problems always ask for something optimal. There is always a probability of DP First. If a function has two or more functions call, DP is applied. DP can be applied here. Please consider applying DP Point First Finished. Point Second : Optimal things will be asked What I mean by optimal here ? 1. Minimum 2. Maximum 3. Largest These all are optimal things Eg : Maximum Profit of an expression $2 * 5 + 3$ Calculate the maximum value it can attend.

In DP basically there are these 10 problems 10 PROBLEMS 0-1 knapsack. DP has many parent problems with many variations of themselves. All of these variations can easily be solved. But writing code by yourself is a big deal okay ? So Got it right ? 1. will write a. recursive solution 2. will do memoization 3. and then tabulation. and then write solution for tabulation DP But dont ever go for the tabulation directly. We gon na solve only one problem and we will easily be able to solve all its variations. These 80 problems of Dynamic Programming need not to be understood separately. So solve these 10 problems And develop concepts for 80. From the next video we will be picking up knapsack okay ? Then we gon na discuss knapsacks really well with its Recursive solution with memoization and tabulation too

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