- 3) Dyaamle Brogsamming.
- of Optimization technique used with recursion.
- for the same element. (i.e overlapping sulproblem).

lg: - fibonecci Boblem

- => 37 % of 2 types
 - Memorjation (Top-down).
 - -> Tabulation (Bottom up).
- memoization generally uses an array to ston elseady computed values.
- n Tabulation converts remorion to a forphile loop and

> Applications

- 1) Bellmen Ford Agorithm.
- 2) Floyd Warshell Algorithm.
- 3) LCS. (se 9n utility).
- 4) Resource Allowtion

etc.