Notes - Novin Reddy <u>OAY-1</u> Recursion & Memoization

What is Recorsion? -7 Function call itself is called Recursion.

Why concept to of Recoursion?

-> For solution that can be broken down to smaller & simpler problem. -> For problem that one too complex for iterative approach.

· Factorial:

Fact(n) = f(n) + f(n-1); nehron when (n-1)

. Fiboracci

Fib(n) = fib(n-2) + fib(n-1); return when one with o

Assignment:

· Pascal Triongle

nwith Iteration

suith Recursion

of with Memoization

LinkedIn YT Explaination Github Repository



