04/02/2020 OneNote

## Nagarro class 1

Monday, 3 February 2020 10:48 AM

## Russim

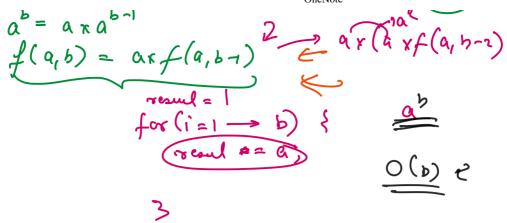
-> When a function call itself, to do some, reflected tasks, such that it is dually a problem into sub-problems, along well a memory buffer.

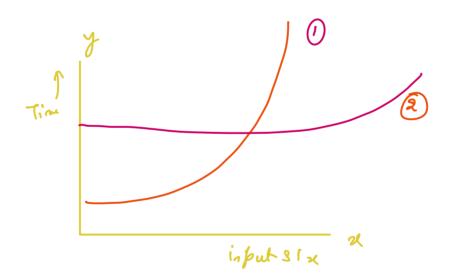


ていつっつ (f(4) T(n-1) = ((n-1)+7(n-2) +(1) +(1) +(1) +(1) +(1) +(1) +2 T(n-2) = T(n-3) + T(n-4)

T(n-3) = T(n-4) + T(n-4)

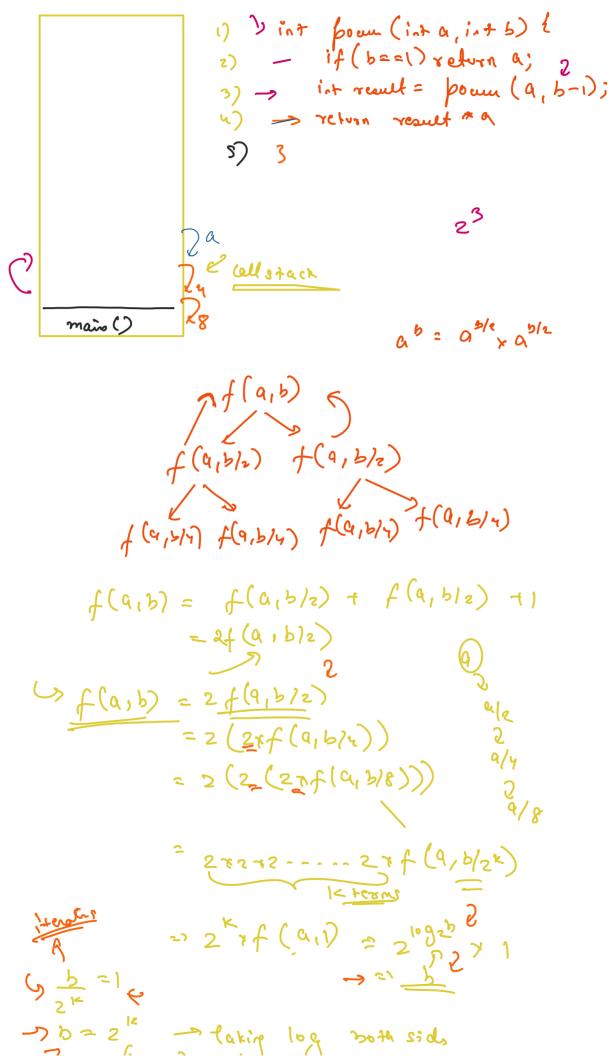
T(n) = T(n-4) + T(n-4) 100 will be gun 3, numbers, > return > (ab) 400





# Modulo Arithmetic (a+b) do c= ((adoc) +(bdoc)) doc (a-b) doc= (adoc-bdoc+c) doc (arb) doc= (adoc+bdoc) doc > Inverse Modulo. Arthmetis

as do c



$$f(a,b)$$
 $f(a,b)$ 
 $f(a,b)$ 
 $f(a,b)$ 
 $f(a,b)$ 
 $f(a,b)$ 

$$f(a,b) = f(a,b12) + 1$$

$$f(a,b) = f(a,b14) + 1$$

$$f(a,b)(a) = f(a,b14) + 1$$

$$f(a,b)(a) = f(a,b18) + 1$$

$$f(a,b)(a) = f(a,b18) + 1$$

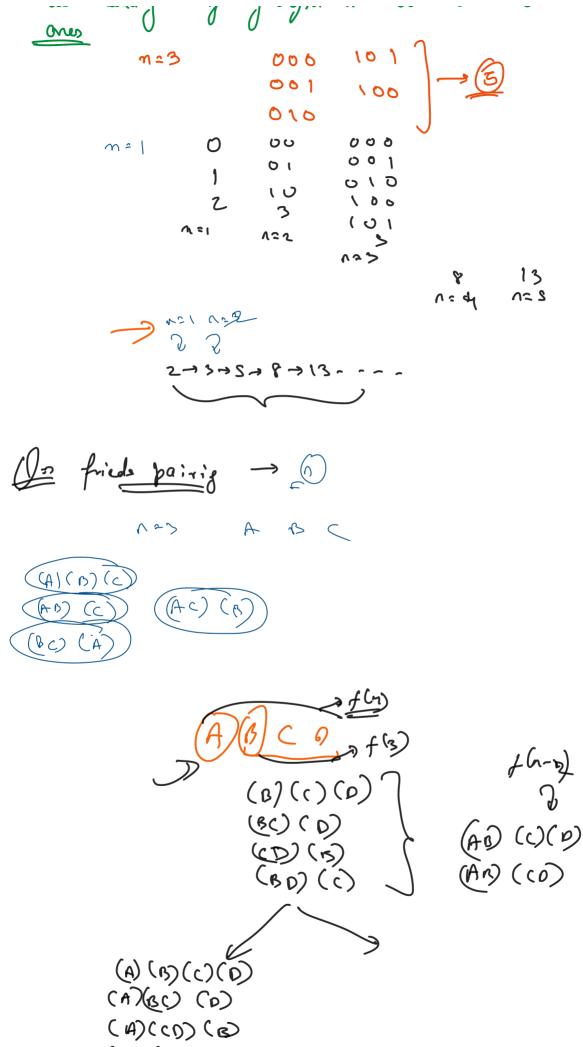
$$f(a_1b) = f(a_{11}) + (c+1)$$

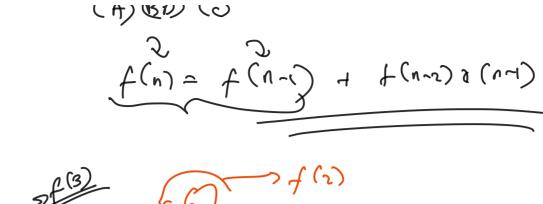
$$O(1) | log_2b$$

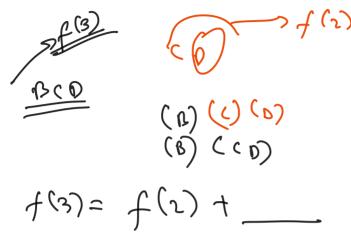
$$T(f(a_1b)) = O(log_2b)$$

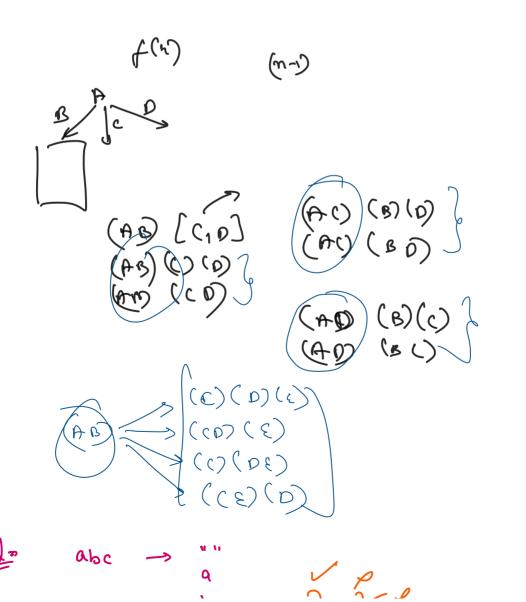
$$\frac{2^{10}}{2^{10}} \approx 10^{9}$$

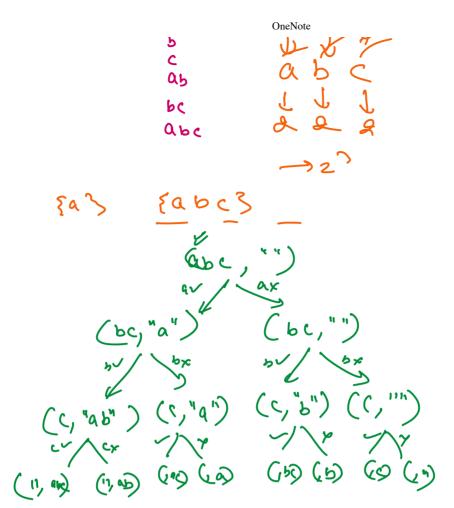
Do You have been given a number "". Count all benary stolms of lette "" well no con

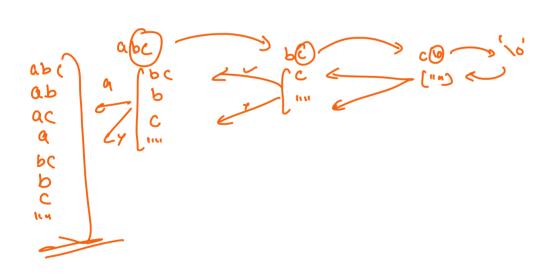




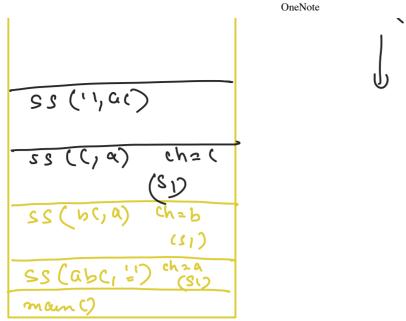


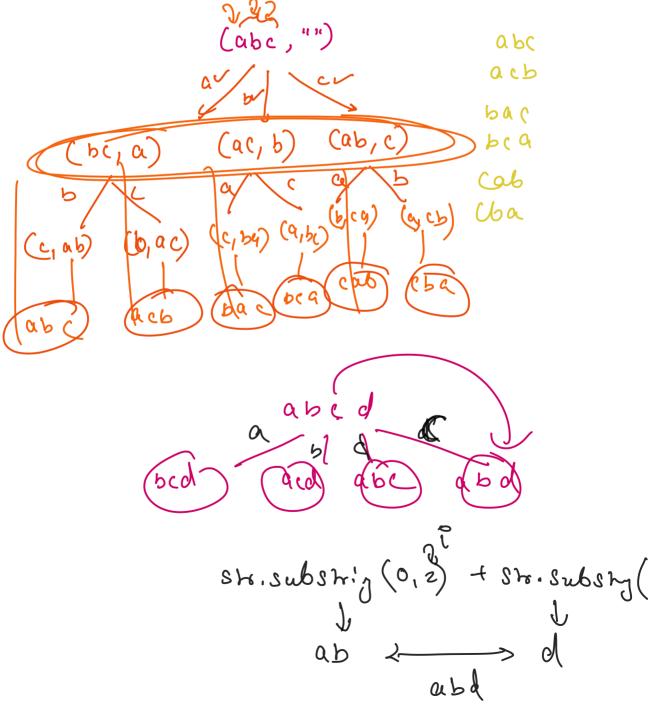






ab( ab Q(





7(n)2nx(7(n-1)+0(1)) bac, 1 april cab, 1

bac, 1 april cab, 1

bca, 2 bac, 2 acb, 2 abc, 2 cab, 2

bca, 3 bac, 3 acb, 3

OneNote