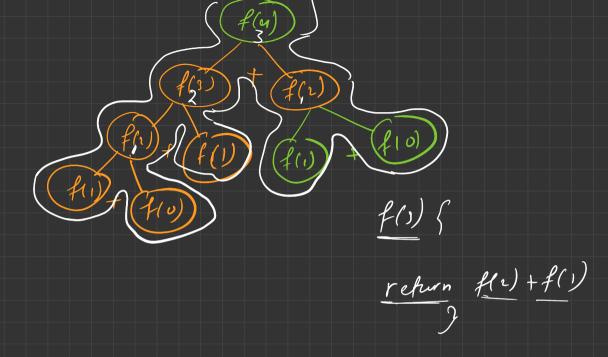
Fabonacci Series

$$fib(0) = 0$$
 } - Base case
 $fib(1) = 1$ } - Base case
 $fib(1) = fib(1) + fib(0)$
 $fib(3) = fib(1) + fib(1)$
 $fib(n) = fib(3) + fib(2)$
 $fib(n) = fib(n-1) + fib(n-2)$

$$\begin{array}{c}
n = y \\
f(b(1)) = 2 \\
f(b(1)) + f(b(1)) \\
f(b(1)) + f(b(1)) \\
f(b(1)) + f(b(1))
\end{array}$$

$$\begin{array}{c}
f(b(1)) = 2 \\
f(b(1)) + f(b(1)) \\
f(b(1)) + f(b(1))
\end{array}$$

int hib (inf n) s f. b(0) = 0 if (n <=1) return 1; } fib(1)=/ (1f(n=0) refund if(n=1) refund return f:5(n-1) + f:5(n-2)



Nth Stair =
$$n = 5 = 8$$

Nth Stair = $n = 5 = 8$
 $n = 1$
 $n = 1$

Totalways (int n) {

If (n <=1) {

refum 1;

3

refun

Totalways (n-1) of Totalways (n-2)

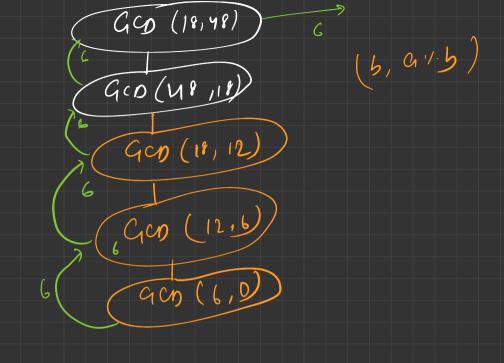
GCD of two numbers

(18, 48) (18, 18) (18, 18) (18, 12) (18, 12)-18001 - N = 4842 (12, 6) 18.1.12

Made with Goodnotes

900 (a, b) s (18, 48) 900 (a, b) { (46,41.5) if (b==0) { G(0(b,a.1.b); refunc ((0(b, a.1.b); contecaeda,s)

Made with Goodnotes



GCO (18,12) GCO(18, 48)
GCO(48, 18) Gan (6,0) Gan (6,2)



