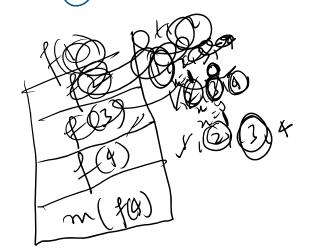


H Fibo nacci

0/10



55

 $\begin{cases} f(x) & f(x) \\ f(x) & f(x) \\ f(x) & f(x) \end{cases}$

=) When ever there is brancher of in Recursion
T.C. = (No of brancher) depth of recursion

 $\begin{cases}
f(n) = f(n-1) + f(n-2) + f(n-3)
\end{cases}$ $f(n) = f(n-1) + f(n-2) + f(n-3)
\end{cases}$ $f(n) = f(n-1) + f(n-1)
\end{cases}$ f(n) = f(n-1) + f(n-1) f(n) = f(n-1) + f(n-1) f(n) = f(n-1) + f(n-1)

@ math. pow(nin) 20(n)
Base case is always withen on charging
2° 7 (5) Elete Willy set
2" 3 2 x 2 s 2 s 2 s 2 s 2 s 2 s 2 s 2 s 2 s
Remoion on Arrays [ins aux[]] > for [i=0i ('an (id))' Sout(aux [id])'
=> f (au), DD, eaply Templete I
earth of array stemplate > f (au, n) f(x,0)

