Estructuras de datos 2024-06-04

Análisis de algoritmos

Buerros dias!

fiempo dates

$$(n) = \log (n)$$
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int iterativa (int n) {

int
$$x = 1$$
; asig

while $(x = n)$ {

 $x = 3$;

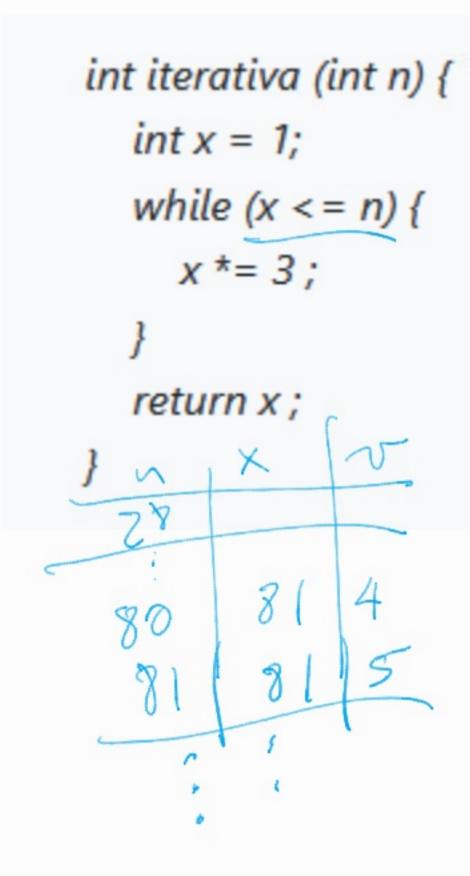
return x ;

 $x = 3$;

(2) Aplicar
$$O(n)$$

$$O(T(n)) = O(4 + 2log_3(n))$$
R. Suma
$$= Max(O(4), O(2log_3(n)))$$

$$= O(2log_3(n))$$
R. Constantes
$$O(n) = log_3(n)$$



\mathcal{N}	X	T
	X3	
2	X3	
3	X39	11 = 2
	x39	11=Z
5		2
6	9	2
7	7	2
9	9	2~
9	927	23.
24	27	3

N < 2 $= \sqrt{V-1} = \sqrt{093}$ V= (093(n)+1

$$T(n)=2K+T(n-K)$$
 $T(0)=2k+T(n-K)$
 $T(0)=2k+T(n-K)$
 $T(n)=2h+T(0)$
 $T(n)=2h+T(0)$