

Practica 2 EDD

Variable start time : 38 x 3
Variable finish time : 38 x 8

caso max
Pworable : 8, 7, 6, 5, 4, 3, 2, 1, 0

~~T(n)~~ $T(n) = 4T(n/2) + f(n)$

Bubble Sort :

$n = 4 \times 4 = 16 \quad O(n^2) \rightarrow$ No answer
9 7 1 20

Merque

$n=10$
1 2 3 4 5 6 7 8 9 10

$T(n) = 2T(\frac{n}{2}) + f(n)$

teorema maestro.

$a=2$

$b=2$

$O(n)$

$\rightarrow O(N^k \log^{p+1} N)$

Java Sorts