PUBLIC STOTIC STRING CONCOTNID (INT EJETGO, INTO) STING MOUIT C31 INT 1 = 1); While (1 > 1/2) { FOR (INT J=n;c₀) > = 1; J==4) (c₁ FOR (INT K=1; K<n, K*=2) (T2(N) TOOUT += =, " + 0790 [K]; $T_i(n)$ T3(N) 1/=2; C33 TETURN TODUT, C32 SE EJECUTO EN UNO COMPUTODO QUE PTOCOSO 10000 O OPERCEUNO POT REQUIDOS. COICUIOT TINI CONDICTURA O OTODO O OPERCEUNO POT COMPOTO Nº 300.000 , PC = 100.000 OP/D n = 300000 0(n) = n 109 (n) = 7 0 (300,000) = 300,000 x 109 (30 300.000 X 18.19 - 5.453.000 OF = 54.57 DOG 5. \$457000 100.000 P/D

1

PRDD T3(n): $ 109(n)+1 $ $ 12^{\circ} $ $ $	d. Ze
$T_3(n) \cdot C_0 + l log_2(n) + 1) \cdot C_1 = > O(n) \cdot log_2(n)$	Τ.
PARA T2(N) $T_{2}(N) = C_{10} + \sum_{j=1}^{N/4} (C_{20} + T_{3}(N))$ $J=1$ $C_{10} + \prod_{j=1}^{N/4} (C_{20} + G_{0} + \log(N), 1 \cdot C_{1}) = O(N) = N$	
$T_2(n) = C_{10} + \Omega_{10} + C_{21} + (100) + $	
1 Indie I= N N-4 J=n-4(k-1) N-4-4-4 N-4-4-4 N-4-4-1>1>10 K-1>1-1	

PARA TI(N)
ITEROCIÓN K ITEROCIÓN I=N 1
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$
7,(n)=C40+2(C2+(1092/1)+1).C1))+C33))
$T_{1}(n)=C_{40}+2(C_{43}+D_{4}(C_{21}+log_{e(p)}+1).C_{1}):C_{43}=C_{1}+C_{3}$ $T_{1}(n)=C_{40}+2C_{43}+2.D_{4}(C_{21}+log_{2}(n)+1).C_{1})$ $T_{1}(n)=C_{40}+2C_{43}+2.D_{4}(C_{21}+log_{2}(n)+1).C_{1})$ $T_{1}(n)=C_{50}+D_{5}(C_{21}+log_{1}(n)+1).C_{1}):C_{50}=C_{40}+2C_{4}$
0[n] = 0[1], 0[n], 0[1092[n]) $0[n] = 0[n, 100[n])$

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