

6) void ejeracio6 (int a) }	76)= d+1(n/2)+1(n/4)
$i((n \ge 2))$ $2^{\circ}e_{j}e_{i}e_{i}e_{0}((n/2))$, $2(1(n))$ $n: n/2;$ $e_{j}e_{i}e_{i}e_{0}((n/2))$; $1(n)$	7) 1(n) { 1
	1(n/3)= T(n/3/3)+c @
b) 100,000 / Seq. int count= 0;; nt n: n=1000 br (i=0; i <n; (int="0;" 1+1;<="" br="" i+:="" ol;="" td="" =""><td>$\begin{array}{c} \circ ay h de_{J} \\ 0/2) \\ \downarrow \leq n ; j + 1 \\ \downarrow de_{J} \end{array}$</td></n;>	$\begin{array}{c} \circ ay h de_{J} \\ 0/2) \\ \downarrow \leq n ; j + 1 \\ \downarrow de_{J} \end{array}$
JG)= de + > (> ck2))=	(t(n)= che, + 2n(che) = 2n
$\Gamma(J\infty) = 2.400 = 7(J000) = 2000$	10000 — 150 D
9) $I(n) \begin{cases} 4 & n=4 \\ 2T(n/2) + 5n + 1 & n \ge 2 \end{cases}$	7(4)= 9 2 7(4/2) + 5.4 + 1 2 2(27(2/2) + 5.2 + 1] + 5.4 + 4
	4 (J(J)) + 12 + 21 4J(J) + 43
o) public stolic vad glacololint n)f	4.4.443 = 59 (C)
int x:0; cte; int jo 3; while (; z:n) {	7(n): deg = \(\sum_{n=0}^{n=0} \)
	Jay (n) n)/3
b) b) public state void ejacoo (1010) []	(n): $ck_3 + \sum_{i=1}^{n} \sum_{i=4}^{n} ck_2 \cdot \sum_{i=3}^{n} \frac{n^2}{3} ck$
1916 1 3 2 1, 3 4 2 (,) 11) 2 2 2 4 3 (,) 2 2	$\Gamma(n) \cdot dr = \frac{1}{3} \sum_{j=1}^{(\infty)} n^2 = \frac{1}{3} \log_2(n) \cdot n^2$