1) a. L for (inti-orizing i+1) 2 for (int)=0; Jens)+1) 8 System. oct. Printle(1+000+0); Occ $\frac{1}{2} \left| \frac{1}{n} \right| \frac{1}{n}, \frac{1}{n}, \frac{1}{n}$ $\frac{1}{2} \left| \frac{1}{n}, \frac{1}{n}, \frac{1}{n} \right| \frac{1}{n}$ $\frac{3}{4} \left| \frac{1}{n} \right| \frac{1}{n}, \frac{1}{n}, \frac{1}{n}, \frac{1}{n}$ $\frac{3}{4} \left| \frac{1}{n} \right| \frac{1}{n}, \frac{1}{n}, \frac{1}{n}, \frac{1}{n}, \frac{1}{n}, \frac{1}{n}$ $\frac{3}{4} \left| \frac{1}{n} \right| \frac{1}{n}, \frac$ $n+2n^2$ O(N) = 063) C=7+3/+42 C=11 b. for (int i=0; i en i i +1) for (int 50 ; Jez: 1+1) System ode prodle (14 " + 1); 1 1 1, 1, 1 1,3,2 10~ 1 WELBUT1 1 /9n > 18n+1, when n>1 O(n) = E(n) Cens = 18n+1 C= 18+1/n No= 1 19=C

C.

1 for (int 1=0; 1 < n; 1+0)

2 for (int J=n-1; 1>= 1; 1-1)

Sysum out Polla (1+2-4) line occ | 1, n, ~ (2n+1) (n+1/2) (2n+1)+(n+n2)+(s+2/2) 3n+1-12+512/2 +3n+1 Oas = Qn3) C=7/2-13-11 C=7/2-13-11 (= 15/ 15/2 > 7/2 12+3n+1, who 1>1

d2: form 1=1; 141; 1+15 1, Nn N/2 (1, 5, 1) 1=5 (1+2n)+(n+n2)+ (5/2) + (5/2) 1+3n+7/2+5 leg (N) +1 (W) OUENZ CMB)= 7/2 12 + 3n+3 (og (n) -1) C= 7/2-13+ Slay (1)+1 三月度16度十分2 C=15/2 TIS/202 > 7/202+3n+5 log (n) +1, chm n>1