3) i 1 Som = 0 2. for (1=0;1<n; i+t) & 3 Som +t; line | occ | 1 + n+n 2 Once | 1 + n+n 3 N 1

201+3 Complexity - O(n)

1 SUM=0 2 for (100; 14n; 1+1) { 3 for (100; 1 < n; 1+1) { 4 Sum +1;

$$\frac{1+(1+n+n)+(n+n^2+n^2)+n^2}{1+(1+2n^2)+n^2}$$

$$\frac{2n+2+3n^2+n}{4(n^2-3n^2+3n+2)}$$

$$\frac{2n+2}{2n+2}+\frac{2n^2+n}{2n^2+3n+2}$$

$$\frac{2n+2}{2n+2}+\frac{2n^2+n}{2n^2+3n+2}$$

2 for (1=0; 12 / 1; 2+1) = 3 for (1=0; 12 / 1; 2+1) = 4 Sumthing

1+(2n+1)+(n2+n)+(1/2n)
2n+2+n2+3/2n
-t(n2+n2+3/2n)
-t(n2+n2+3/2n)
O(n)-10(n2)

2 Som=0

\$ for (i=0; ? (A.n; ; ++ 5) 2

for (j-0;) 4 p.n;) ++) E

Sun;

lue occ //

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