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Cineare seamen:
Complexity for Bubble Sort:
        void bubble (int a[], int n){

int pass, j, flag;
   for (pass = 1; pass < n; pass ++) { -- 1 + n + (n+)
                flag = 0; (bange loss = tog (6-1)
   for (j=0; j<(n-pass): j++) {
                                     1 x(n-41)(x)+(y).
             if (a [i] >a [i+1) } - 4y

SWAP (a(i+1); & a [i]); - 8y
             if (flag = = 0) break; \rightarrow (n-1)
                      or -(n)p or n= (n)7
 \chi = n + n - 1 + n - 2 + n - 3 + - - - - - + 2 + 4 + - - - - 1
 y = n - 3 + n - 2 + n - 3 + n - 4 + - - - + 2 + 3 = n(n - 3)/2
 T(n) = 2n+n-1+n-1+x+y+9x +8x+ n-1
       = 50-3+2+134
       = 5n + 3 + r(n+1)/2 - 1 + 13n(n-1)/2
       = 5n-3+ 10,5n+0,5n-1+6,5n-6,5n
       = 7n -n -4
 T(n) = 7n, n70 C= 7 g(n)= n
      So, T(n) is O(n).
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