

Example: Bubblesort

Bubblesort is an algorithm that sorts an array of integers by moving from left-to-right, swapping pairs of elements that are out of order.

From https://en.wikipedia.org/wiki/Bubble_sort:

```
procedure bubbleSort( A : list of sortable items )
n = length(A)
repeat
    swapped = false
    for i = 1 to n-1 inclusive do
        if A[i-1] > A[i] then
            swap(A[i-1], A[i])
            swapped = true
        end if
    end for
    n = n - 1
until not swapped
end procedure
```