

BEGIN BubbleSort

INPUT: A list of numbers, arr

n = length of arr

FOR i FROM 0 TO n-1 DO

FOR j FROM 0 TO n-i-2 DO

IF arr[j] > arr[j+1] THEN

SWAP arr[j] AND arr[j+1]

ENDIF

ENDFOR

ENDFOR

OUTPUT: arr (sorted in ascending order)

END BubbleSort