Bubble sort

start

function bubblesort(arr):

n=length of arr

for i from 0 to n-1:

swapped = false

for j from 0 to n-1-2:

if arr[j]?arr[j+1]:

Input the array

swap arr[j] and arr[j+1]

swapped = true

if sawpped == false:

Get length (n)

break

function main():

declare arr=[64,25,12,22,11]

i=0

call bubblesort(arr)

print "sorted array : ",arr

end

Swapped = false

j=0

print

break

No swap

Swap elements(true)

(arr[j] >arr[j+1]