Bubble Sort

Start → Initialize array and get size (n) → i=0 to n-1(Outer loop) → swapped = false → j=0 to n-i-2(inner loop) → Compare arr[j] and arr[j+1]

arr[j] > arr[j+1]

No → No swapping

Yes

Swap arr[j] & arr[j+1]

swapped = true

j loop ends

Yes

swapped = false

Yes → Break → i loop ends → Yes → Stop