

## ESE2025 -ASSIGNMENT 1

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### PROGRAM

```
Integer arr[] ← {1, 5, 2, 25, 21, 48, 32, 6}
count ← length [arr]

flag ← true
while flag
do:
    flag ← false

    for j from 0 to count-1

        if array[j] > arr[j+1]
            swap(arr, j, j+1)

            flag ← true
        end if
    end for
end while

func swap (*arr, j, j+1)
temp ← arr[j]
arr[j] ← arr[j+1]
arr[j+1] ← temp

Return arr
end func

for j from 0 to count-1
    print : arr[j]
end program
```