

Expt. No.

Program - 2
Bubble Sort.

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• model small

• data

n db 6

a db 05, 07, 04, 03, 06

• code.

mov ax, @data

mov ds, ax

lea si, a

mov cl, n

dec cl

outloop: mov ch, cl

mov si, 00h

inloop: mov al, a[si]

inc si

cmp al, a[si]

jc noexchange

xchg al, a[si]

mov a[si-1], al

noexchange: dec ch

jnz inloop

dec cl

jnz outloop

mov ah, 4ch

int 21h

end.

Teacher's Signature : _____