

MP-MC LAB PROG-3

Name - Vedika Dalmia, UIN - IBM19CS181

Date _____
Page _____

Q. Bubble Sorting :

- model small

- data

n db 6

a db 05, 07, 04, 03, 06, 02

- 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 exchange

xchg al, a[si]

mov a[si-1], al

noexchange : dec ch

jnz inloop

dec cl

jnz outloop

mov ah, 4ch

int 21h

end.