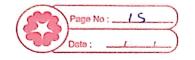
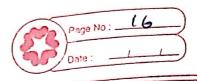
19/10/20	1at 5
19	brogram for sorting array using bubble
	sort method in ascending order.
	model ismall
	· data
	m db 5
	a db 05,07,04,03,06
special and the same of the sa	. rode
	mor an, a data
or interest and the second	mor de, ax
	mar el,
	dec cl
	out loop: mov ch, al
	mov si, ooh
	in loop: mor al, at si].
	ine si
	emp al, a COI
	je je noench
100	such g al, a E si I
	mor a (si-1], al
	noesch dec ch
	jn2 inloop
	dec cl
	jn Z outloop
	mov sh, 4ch
	int 2016
	End



brogeram to sort an array and its volume oftions are accepted from user model small display macro mog lea dre, meg mor ah, ogh land m list db 02h, 01h, 34h, 0 f4h, 09h, 05h member equ 1 - list musgl db odh, oah, "1" ascending t" insg 2 db odh, oah, "25 descending \$" msg 3 ab odh, oah, " 37 enit f" mig 4 db odh, oah, "Inter choice &" meg 5 db odh, oah, "Luvalid chaica &" start: mor ax, a data mor do, ax lea si, list mor ich, number -1 display msg) display mg 2 display mg ? display msg 4



mor ah, olh int 21h sub all, 30 h conf al, olh je ascsort conf. ol, o24 je dessort comp ol, o3h je final display mag 5 josh final ascsort: mov bl, ooh mar si, affset list mor cl, ook mor bh, ch sub bh, bl npass: emp cl, bb jne neut mor of, Esi J mor by, olh comp al, ds: [bf] [si] je nope nchy cel, (si+17 ning si, al nope in el



-	
	ine si
_	jonh mass
	The state of the s
_	ment: in bl
	conf
	Je again
	jup final
_	blook
-	dessort: nor bl, ook
	again!: offset list
	mou w,
	man bh, ch
	sub bh, ble
	mpass!: comp ol, bh
	jne nent
	mor al, Csi J
_	mov bp, 0/h
4	amp al, ds: Ebf 3 [si]
	gne nope!
	nohy al, [si + 1]
	nehg [si], al
	nofel: ine cl
_	inch school
	jong nhass!
	ment 1: inc. bl
_	emp bl, ch
	final: mov dh, 4 ch.
	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1