	(BSA)
Lab Day:4	
(Buble Sort)	Interno 10
Accountin Onland	15tr. 1-1
Asservan exact.	5.0
· model small des de	7.51
- dala	
n db 5	10/1004
a db 05,07,04,03,	06877
dispersion was a first the second of the sec	vom
· Code · n 12	hat.
Mov ax, @data/	190/
Mov DS, ax	
MOV CLyno, Po	1010 - 1010
dec cl	
Cie i more du [isi]	or at
outloop: Mov ch, cl	
2.5 MOV (SI, OOH	
inloop: Mov al, at	SI
inc 81 on	
CMP alo,	
Jac No	
Mov a	1, alsi
Mov a	[57-1], (1)
La company of the second of th	
noemch: Dec ch	)
JNZ 1	1/006
DEC	Cl
ZMC	outloop
	ah, 4ch
	214
EN	D

Lab 5: Menu Driven Bubble Sort. (BSM. ASM)
HE21 1 9113
· Model Small
Display Marm MSG
LEADX, MSG
MOV AH, O9H
INT SIH MISTIN
TELENDMIC, TEAS STAIR : MIARA
NEV CL. DOD, JO VOM
· DATA · · · · · · · · · · · · · · · · · ·
LIST DB 02H, 01H, 34H, 0F4H, 09H, 05H
NUMBER EQU SELIST THE CONTRACT
MSGI DB ODH, OAH, "1>>> SORT IN ASCENDING
[P] MORDER \$"
MSG2 DB ODH, OAH, " 277 SORT IN DECEN
LIETERETARO LADING ORDER \$"
MSG3 DB ODH, OAN" 3>7 FXIT \$"
MSG4 DB ODH, DAH, " Enter Your choice: 1\$
MSG 5 DB ODH, OAH, "INVARID CHOICE.
Entened \$"
°Code 22/1911 9111
Start: MOV AX, @DATA 1114
MOV DS, AXII
LEAUSI, VIST
MOV CH, NUMBER-1
BISPLAY MSGP
DISPLAY MSG2
DISPLAY MSG3
DISPLAY MSG4
MOV AH, OIH
INT 21H
SUB AL, 30H
CMP ALI OIH
TE ASCSORT
CMP AL, 02H
JE DESSORT
Coonned by Com

(BSM)	
CMP AL, O3H	
JE FINAL	
ASIA TOTAL	
DISPLAY MSG5	
JMP FINAL HES MANA	
ASCSORT: MOV BL, DOH	
AGAIN: MOV RESI, OFFSET LIST	
MOV CL,004	
MOV BH, CH	
LICO MPO SUBTBH, BL 1113 MIS 80 TOTI	
NPASS: CMPTCL, BH UD7 2774WL	
MONTEN HE JNC NEXT HAD HOD BO 19 W	
MOVIAL, [SI]	
113 DEC TOT TMOV BP, OLHO 1100 GC DEPART	
CM.P. AL, DS: [BP][SI]	
TEJC-NOPE AT MAN, OA EARLA	
ESTAND MACHEN ALMESTAND MACH	
- BORDIO CITIXCHGI [ST.], ALD BO DOM	
-NOPE: INC CL	
INC SI	
JMP NPASS	
NEXT MINC BLASH	
CMPA BL, CH	
TMP FINAL ? I	
DESSORT: MOY BL, OOH	
AGAINI: MOV SI, OFFSET LIST	
MOV CL, O'OH	
MOV BH, CH.	
SUB BH, BL	
NPASSA: CMP CL, BH	
INC. NEVI	
MOV AL, ISIT	
MOV BP, OLH	
MEN BRIDE	
The same of the sa	

