(Sauth)

Programm to write Bubble sant .: Ansi-) - model Small DISPLAY MACRO MSE LEA DX, MSG. MOV AH, O9H INT 21H ENDMI . DATA NOB 5 LIST DB 02H, 01H, 34H, 0F4H, 09H, 05H MSGI DB 6DH, OAH, "1>>ASCENDING ORDER MSGIDD DB ODH, OAH, "2>>DSCENDING ORDER MSGIDD OB ODH, OAH, "3; EXIT" MSG 4 DB ODH, OAH, "Enter your choice: 1 MSG 5 DB ODH, OAH "THVALTE CHOICE ENTERED" CODE MOV AX QDATA MOV DS AX MOV CL N DISPLAY MSGI DISPLAY MSQ2 DISPLAY MSG3 DISPLAY MSR4 MOV AH OIH INT 21H SUB AL 30 H CMP AL OLH JE AS CMP AL 02H JE DES CMP. AL 03 H

Mille

JE EINAL.

As:

OUTLOOPI: MOV CH.CL MOV ST. ODI

INLOOPL: MOV AL, LIST EST

INC SI

CMP AL, LIST [SI] JC NO EXCHGA

XCHA AL, LIST [SI]

MOV LIST [ST-1], AL

NO EXCHAI: DEC CH JNZ INLOOPA

DEC Ch

MOV AH, 4CH

INT 21H

DES: OUTLOOP, " MOV CH, CL

MOV ST,0014

INLOOP2: MOV AL, LIST [SI]

INC SI

CMP AL, LIST [SI]

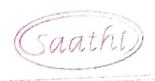
INC NO EXCHES XCHE AL, LIST [SI]

MOV LIST [SI-1] AL

NO-EXCHG2: DEC CH

INZ INLOOPO

DEC CL



JN2 OUTLOOP2 mov AH, 4CH INT 21H,

FINAL: MOV AH, 4GH INT 21H END.