

```

        MOV RESULT, AL
        MOV AH, 4CH
        INT 21H
CODE    ENDS
        END START

```

4.13 试编写一程序,将一组以 BUF 为首址的 N 个 8 位无符号二进制数按递增顺序排列。

答:

```

DATA    SEGMENT
BUF     DB 11H,22H,33H,44H,55H,66H,77H,88H
DATA    ENDS
CODE    SEGMENT
        ASSUME CS, CODE, DS, DATA
START:  MOV AX, DATA
        MOV DS, AX
        MOV DX, N-1
L1:     MOV CX, DX
        MOV SI, OFFSET BUF
L2:     MOV AL, [SI+1]
        CMP AL, [SI]
        JA NEXT
        XCHG AL, [SI]
        MOV [SI+1], AL
NEXT:   INC SI
        LOOP L2
        DEC DX
        JNZ L1
        MOV AH, 4CH
        INT 21H
CODE    ENDS
        END START

```

4.14 试编写一程序,找出 BUF 数据区中带符号数的最大数和最小数。

答:

```

DATA    SEGMENT
BUF     DB 11H,22H,33H,44H,55H,66H,77H,88H
MIN     DB ?
MAX     DB ?
DATA    ENDS
CODE    SEGMENT
        ASSUME CS, CODE, DS, DATA
START:  MOV AX, DATA

```

