

序排列。

```

MOV DS,AX
MOV DX,N-1
L1:   MOV CX,DX
      MOV SI,OFFSET BUF
L2:   MOV AL,[SI+1]
      CMP AL,[SI]
      JG NEXT
      XCHG AL,[SI]
      MOV [SI+1],AL
NEXT:  INC SI
      LOOP L2
      DEC DX
      JNZ L1
      MOV SI,OFFSET BUF
      MOV AL,BYTE PTR[SI]
      MOV MIN,AL
      MOV AL,BYTE PTR[SI+N-1]
      MOV MAX,AL
      MOV AH,4CH
      INT 21H
CODE  ENDS
      END START

```

4.15 试编写一程序,统计出某数组中相邻两数间符号变化的次数。

答:

```

DATA   SEGMENT
BUF     DB 100(?)
RESULT DB ?
DATA    ENDS
CODE    SEGMENT
        ASSUME CS, CODE, DS, DATA
START:  MOV AX,DATA
        MOV DS,AX
        MOV CX,99
        MOV SI,OFFSET BUF
        MOV AH,0
        MOV BP,2
L1:     MOV BX,0
        MOV AL,[SI]
        CMP AL,0
        JG NEXT1
        MOV BX,1

```