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1:          ;
2:          ; VCF South East 3.0 - Introduction TO Z-80 Programming
3:          ;
4:          ; EXAMPLE 2 - Write a string to CP/M console
5:          ;
6:          ; This source code file can be assembled directly under Windows with
7:          ; George Phillips' "ZMAC" Z-80 assembler, using the command:
8:          ;
9:          ;     zmac vcfex2.z80
10:         ;
11:         ; This file can also be assembled under CP/M 2.2 with the SLR Z80 assembler
12:         ; using the following command:
13:         ;
14:         ;     Z80ASM VCFEX2/F
15:         ;
16:         ; Malcolm Macleod - 1 May 2015
17:         ;
18:
19:  -      0000      MTLIST
20:
21:  -      0100              ORG      0100H      ; CP/M 2.2 TPA area starts here
22:
23:  0+10    0100    211101    BEGIN    LD      HL,MSG1      ; Point HL at the start of our message
24:  10+7    0103    7E        DISPMSG LD      A,(HL)      ; Get the byte pointed to by HL
25:  17+4    0104    B7        OR      A          ; Update the Z flag (will be set if A=0)
26:  21+5+6  0105    C8        RET     Z          ; Return to CP/M if end of message reached
27:  26+4    0106    5F        LD      E,A        ; Otherwise, copy the byte into E
28:  30+7    0107    0E02     LD      C,2        ; Prepare to use BDOS Service 2
29:  37+11   0109    E5        PUSH   HL          ; Save HL before the BDOS trashes it
30:  48+17   010A    CD0500    CALL   5H          ; Go to BDOS to execute Service 2
31:  65+10   010D    E1        POP    HL          ; Recover HL from the stack
32:  75+6    010E    23        INC    HL          ; Point HL at next byte of our messgae
33:  81+12   010F    18F2     JR     DISPMSG     ; Loop back to process the next byte
34:
35:  -      0111    57656C63    MSG1    DB      "Welcome to VCF SE 3.0",0
          6F6D6520
          746F2056
          43462053
          4520332E
          3000
36:
37:  -      0100              END      BEGIN

```

Statistics:

4 passes

```
0 jr promotions
4 symbols
39 bytes
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Symbol Table:

```
begin          100
dispmsg        103
msg1           111
mtlist         0
□
```