

DOMPIER.lst

```

1          ;; =====
2          ;; DOMPIER'S MUSIC PLAYING PROGRAM
3          ;;
4          ;; =====
5
6          00 40      TEMPO EQU 040H
7          00 FF      ENDMK EQU 0FFH
8
9          00 00      ORG 00000H
10
11 10 0000 21 74 00  START: LXI H,DAISY
12 7 0003 7E      START1: MOV A,M
13 7 0004 FE FF    CPI ENDMK
14 10 0006 CA 00 00 JZ START
15 7 0009 16 40    MVI D,TEMPO
16 5 000B 05      LOOP: DCR B
17 10 000C C2 10 00 JNZ NEXT
18 7 000F 46      MOV B,M
19 5 0010 0D      NEXT: DCR C
20 10 0011 C2 0B 00 JNZ LOOP
21 5 0014 15      DCR D
22 10 0015 C2 0B 00 JNZ LOOP
23 5 0018 2C      INR L
24 10 0019 C3 03 00 JMP START1
25
26          ;; First song is The Fool on the Hill
27 001C MUSIC: DB 105Q, 105Q, 125Q, 100Q, 071Q, 063Q, 063Q, 063Q
           45 45 55 40
           39 33 33 33
28 0024 DB 071Q, 063Q, 055Q, 053Q, 053Q, 055Q, 071Q, 063Q
           39 33 2D 2B
           2B 2D 39 33
29 002C DB 046Q, 046Q, 046Q, 071Q, 063Q, 046Q, 046Q, 053Q
           26 26 26 39
           33 26 26 2B
30 0034 DB 042Q, 046Q, 046Q, 063Q, 071Q, 063Q, 053Q, 053Q
           22 26 26 33
           39 33 2B 2B
31 003C DB 063Q, 053Q, 071Q, 063Q, 063Q, 071Q, 063Q, 046Q
           33 2B 39 33
           33 39 33 26
32 0044 DB 046Q, 046Q, 053Q, 042Q, 053Q, 046Q, 046Q, 053Q
           26 26 2B 22
           2B 26 26 2B
33 004C DB 055Q, 053Q, 071Q, 066Q, 100Q, 071Q, 071Q, 100Q
           2D 2B 39 36
           40 39 39 40
34 0054 DB 071Q, 066Q, 066Q, 071Q, 100Q, 100Q, 100Q, 071Q
           39 36 36 39
           40 40 40 39
35 005C DB 066Q, 060Q, 060Q, 066Q, 071Q, 066Q, 066Q, 060Q
           36 30 30 36
           39 36 36 30
36 0064 DB 053Q, 046Q, 046Q, 046Q, 046Q, 044Q, 046Q, 053Q
           2B 26 26 26
           26 24 26 2B
37 006C DB 053Q, 053Q, 053Q, 053Q, 002Q, 002Q, 002Q, 377Q
           2B 2B 2B 2B
           02 02 02 FF
38
39          ;; Daisy Bell
40 0074 DAISY: DB 034Q, 034Q, 034Q, 042Q, 042Q, 042Q, 053Q, 053Q
           1C 1C 1C 22
           22 22 2B 2B

```

```

41 007C DB 053Q, 071Q, 071Q, 071Q, 063Q, 055Q, 053Q, 063Q
           2B 39 39 39
           33 2D 2B 33
42 0084 DB 063Q, 053Q, 071Q, 071Q, 071Q, 071Q, 071Q, 071Q
           33 2B 39 39
           39 39 39 39
43 008C DB 046Q, 046Q, 046Q, 034Q, 034Q, 034Q, 042Q, 042Q
           26 26 26 1C
           1C 1C 22 22
44 0094 DB 042Q, 053Q, 053Q, 053Q, 063Q, 055Q, 053Q, 046Q
           22 2B 2B 2B
           33 2D 2B 26
45 009C DB 046Q, 042Q, 046Q, 046Q, 046Q, 046Q, 046Q, 042Q
           26 22 26 26
           26 26 26 22
46 00A4 DB 040Q, 042Q, 046Q, 034Q, 034Q, 042Q, 046Q, 053Q
           20 22 26 1C
           1C 22 26 2B
47 00AC DB 053Q, 053Q, 053Q, 046Q, 042Q, 042Q, 053Q, 063Q
           2B 2B 2B 26
           22 22 2B 33
48 00B4 DB 063Q, 053Q, 063Q, 071Q, 071Q, 071Q, 071Q, 071Q
           33 2B 33 39
           39 39 39 39
49 00BC DB 053Q, 053Q, 042Q, 046Q, 046Q, 071Q, 053Q, 053Q
           2B 2B 22 26
           26 39 2B 2B
50 00C4 DB 042Q, 046Q, 042Q, 040Q, 034Q, 042Q, 053Q, 046Q
           22 26 22 20
           1C 22 2B 26
51 00CC DB 046Q, 071Q, 053Q, 053Q, 053Q, 053Q, 002Q, 377Q
           26 39 2B 2B
           2B 2B 02 FF
52
53          END

```

Symbols table

Names	Types	Values
-----	-----	-----
TEMPO	EQU	00040h
ENDMK	EQU	000FFh
START	Label	00000h
START1	Label	00003h
LOOP	Label	0000Bh
NEXT	Label	00010h
MUSIC	Label	0001Ch
DAISY	Label	00074h

Statistics

```

-----
"Name" = 0
"EQU" = 2
"SET" = 0
Labels = 6

```