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100 'String Finder
110 'by Alastair Scott July 1987
120 MODE 2:INK 0,0:INK 1,26:BORDER 0
130 DEFINTa-z:WINDOW#1,1,80,5,5:k$=CHR$(24)
140 IF PEEK(&BE80)<>1 THEN GOSUB 310
150 PRINT k$" STRING FINDER "k$
160 LOCATE 1,3:PRINT"Find hex or ASCII string? [H/A] ";
170 f$="":WHILE f$<>"H"AND f$<>"A":f$=UPPER$(INKEY$):WEND
180 PRINT f$
190 IF f$="H"THEN GOSUB 240 ELSE GOSUB 290
200 LOCATE 1,7:PRINT"String found at locations ... "
210 LOCATE 1,9:IFIND,@c$:PRINT:PRINT

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220 PRINT k$" Press any key to run again "k$
230 CALL &BB18:RUN
240 INPUT#1,"Enter hex string ",h$
250 IF LEN(h$)MOD 2=1 THEN 240
260 c$="":FOR a=1 TO LEN(h$)\2
270 c$=c$+CHR$(VAL("&"+MID$(h$,a*2-1,2)))
280 NEXT:RETURN
290 INPUT#1,"Enter ASCII string ",c$
300 RETURN
310 FOR a=&BE80 TO &BEFB
320 READ b$:POKE a,VAL("&"+b$)
330 NEXT:CALL &BE80:RETURN

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340 DATA01,89,BE,21,F8,BE,C3,D1,BC,BE,BE,C3
350 DATA93,BE,46,49,4E,C4,00,DD,6E,00,DD,66
360 DATA01,7E,32,CE,BE,32,DB,BE,23,5E,23,56
370 DATAED,53,BF,BE,1A,32,B1,BE,21,01,00,7E
380 DATAFE,00,CC,BB,BE,23,7D,B4,20,F5,C9,0E
390 DATA00,DD,21,00,00,7E,DD,46,00,B8,20,11
400 DATA23,DD,23,0C,79,FE,00,20,F0,CD,DA,BE
410 DATA3E,20,CD,5A,BB,C9,06,00,2B,10,FD,7C
420 DATACD,E4,BE,7D,F5,0F,0F,0F,0F,CD,ED,BE
430 DATAF1,E6,0F,C6,90,27,CE,40,27,C3,5A,BB
440 DATA00,00,00,00

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