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10 REM          *** ELIZA ***
20 REM
30 REM FROM THE PROGRAM BY THE SAME NAME BY
40 REM JEFF SHRAGER, PUBLISHED BY CREATIVE
50 REM COMPUTING. ADAPTED FOR NASCOM 1/2 BY
60 REM D. R. HUNT          OCTOBER 1979
70 REM
80 REM REQUIRES APPROX. 16K RAM SPACE.
90 REM SUITABLE FOR NASBUS T4 AND NAS-SYS.
100 REM
110 REM ** INITIALIZATION
120 REM
130 CLEAR 1500: DIM S(36), R(36), N(36)
140 REM
150 REM ** SET UP MACHINE CODE INPUT.
160 REM
170 RESTORE 2740: X1=31: X2=29
180 IF PEEK(1)=0 THEN RESTORE 2710: X1=13: X2=8
190 DOKE 4100, 3200: FOR I9=3200 TO 3214 STEP 2
200 READ I8: DOKE I9, I8: NEXT
210 REM
220 REM ** CHANGE A FOR USE WITH A PRINTER
230 REM
240 A=47
250 WIDTH A: N1=36: N2=14: N3=112
260 RESTORE 2630
270 FOR X=1 TO N1: READ S(X), L: R(X)=S(X)
280 N(X)=S(X)+L-1: NEXT
290 CLS: PRINT "HELLO, I'M A NASCOM SPECIALLY TRAINED IN"
300 PRINT "PSYCHOANALYSIS. PLEASE TELL ME YOUR PROBLEMS."
310 REM
320 REM ** USER INPUT SECTION.
330 REM
340 PRINT: I$=" ": B1=0
350 B=USR(0): IF B<0 THEN 350
360 IF B=X2 AND I$=" " THEN 350
370 IF B1=175 AND B<>X2 AND B<>X1 THEN 350
380 PRINT CHR$(B): IF B=X1 THEN 430
390 IF B=X2 THEN 420
400 IF B>92 THEN B=B-32
410 I$=I$+CHR$(B): B1=B1+1: GOTO 350
420 I$=LEFT$(I$, LEN(I$)-1): B1=B1-1: GOTO 350
430 I$=I$+" ": IF PEEK(1)<>0 THEN PRINT
440 REM
450 REM STRIP OUT SURPLUS PUNCTUATION.
460 REM
470 FOR L=1 TO LEN(I$)
480 IF MID$(I$, L, 1)="/" THEN I$=LEFT$(I$, L-1)+RIGHT$(I$, LEN(I$)-L): GOTO 480
490 IF MID$(I$, L, 1)=", " THEN I$=LEFT$(I$, L-1)+RIGHT$(I$, LEN(I$)-L): GOTO 490
500 IF MID$(I$, L, 1)=". " THEN I$=LEFT$(I$, L-1)+RIGHT$(I$, LEN(I$)-L): GOTO 500
510 IF MID$(I$, L, 1)="?" THEN I$=LEFT$(I$, L-1)+RIGHT$(I$, LEN(I$)-L): GOTO 510
520 IF L+4<=LEN(I$) THEN IF MID$(I$, L, 5)="SHUT " THEN PRINT "SHUT UP ....": END
530 NEXT
540 IF I$=P$ THEN PRINT "PLEASE DON'T REPEAT YOURSELF!": GOTO 310
550 REM
560 REM ** FIND KEY WORD IN I$
570 REM
580 RESTORE
590 S=0: FOR K=1 TO N1
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