

1 of 7  
COMPUTER CONVERSATIONS (1965)

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PRINT,T0109,2531,,TAPE.,102

T0109 2531

1748.8

03/06

(HOW DO YOU DO. I AM THE DOCTOR. PLEASE SIT DOWN AT THE TYPEWRITER) 000010  
 AND TELL ME YOUR PROBLEM.) 000020  
 (IF 3 ((O IF O) (DO YOU THINK ITS LIKELY THAT 3) (DO YOU WISH THAT 3) 000030  
 (WHAT DO YOU THINK ABOUT 3) (REALLY, 2 3))) 000040  
 (MEMORY MY (O YOUR O = LETS DISCUSS FURTHER WHY YOUR 3) 000050  
 (O YOUR O = EARLIER YOU SAID YOUR 3) 000060  
 (O YOUR O = BUT YOUR 3) 000070  
 (O YOUR O = DOES THAT HAVE ANYTHING TO DO WITH THE FACT THAT YOUR 3)) 000080  
 (NONE ((O) (I AM NOT SURE I UNDERSTAND YOU FULLY) 000090  
 (PLEASE GO ON) 000100  
 (WHAT DOES THAT SUGGEST TO YOU) 000110  
 (DO YOU FEEL STRONGLY ABOUT DISCUSSING SUCH THINGS)) 000120  
 (PERHAPS ((O) (YOU DON'T SEEM QUITE CERTAIN) 000130  
 (WHY THE UNCERTAIN TONE) 000140  
 (CAN'T YOU BE MORE POSITIVE) 000150  
 (YOU AREN'T SURE))) 000180  
 (MAYBE (=PERHAPS)) 000190  
 (DON'T YOU KNOW) 000200  
 (AM = ARE ((O ARE YOU O) (DO YOU BELIEVE YOU ARE 4) 000210  
 (WOULD YOU WANT TO BE 4) (YOU WISH I WOULD TELL YOU YOU ARE 4) 000220  
 (WHAT WOULD IT MEAN IF YOU WERE 4)) 000230  
 ((O) (WHY DO YOU SAY 'AM') (I DON'T UNDERSTAND THAT))) 000240  
 (ARE = AM ((O AM I O) 000250  
 (WHY ARE YOU INTERESTED IN WHETHER I AM 4 OR NOT) 000260  
 (WOULD YOU PREFER IF I WEREN'T 4) (PERHAPS I AM 4 IN YOUR 000270  
 FANTASIES) (DO YOU SOMETIMES THINK I AM 4)) 000280  
 ((O AM O) (DID YOU THINK THEY MIGHT NOT BE 3) 000290  
 (WOULD YOU LIKE IT IF THEY WERE NOT 3) (WHAT IF THEY WERE NOT 3) 000300  
 (POSSIBLY THEY ARE 3)) ) 000310  
 (YOUR = MY ((O MY O) (WHY ARE YOU CONCERNED OVER MY 3) 000320  
 (WHAT ABOUT YOUR OWN 3) (ARE YOU WORRIED ABOUT SOMEONE ELSE'S 3) 000330  
 (REALLY, MY 3))) 000340  
 (WAS = WERE) 000350  
 (WERE = WAS) 000360  
 (ME = YOU) 000370  
 (YOU'RE = I'M) 000380  
 (I'M = YOU'RE) 000390  
 (MYSELF = YOURSELF) 000400  
 (YOURSELF = MYSELF) 000410  
 (MOTHER DLIST(/NOUN FAMILY)) 000420  
 (FATHER DLIST(/NOUN FAMILY)) 000430  
 (SISTER DLIST(/FAMILY)) 000440  
 (BROTHER DLIST(/FAMILY)) 000450  
 (WIFE DLIST(/FAMILY)) 000460  
 (CHILDREN DLIST(/FAMILY)) 000470  
 (I = YOU ((O YOU ARE O I O) 000480  
 (PERHAPS YOU ARE 4 SOMEONE ELSE) 000490  
 (ARE YOU 4 ANYONE) (ARE YOU 4 ANYONE IN YOUR FAMILY) 000500  
 (PERHAPS YOU WISH I WERE 4 YOU 6)) 000510  
 ((O YOU ARE O) 000520  
 (IS IT BECAUSE YOU ARE 4 THAT YOU CAME TO ME) 000530  
 (HOW LONG HAVE YOU BEEN 4) 000540  
 (DO YOU BELIEVE IT NORMAL TO BE 4) 000550  
 (DO YOU ENJOY BEING 4)) 000560  
 ((O YOU CAN'T O) (HOW DO YOU KNOW YOU CAN'T 4) 000570  
 (HAVE YOU TRIED) 000580  
 (PERHAPS YOU COULD 4 NOW) 000590  
 (DO YOU REALLY WANT TO BE ABLE TO 4)) 000600  
 ((O YOU DON'T O) (DON'T YOU REALLY 4) (WHY DON'T YOU 4) 000610



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	{DO YOU WISH TO BE ABLE TO 4} {DOES THAT TROUBLE YOU}	000620
	{DO YOU FEEL 0} {TELL ME MORE ABOUT SUCH FEELINGS}	000630
	{DO YOU OFTEN FEEL 4}	000640
	{DO YOU ENJOY FEELING 4}	000650
	{OF WHAT DOES FEELING 4 REMIND YOU}	000660
	{DO YOU 0 I 0} {PERHAPS IN YOUR FANTASY WE 3 EACH OTHER}	000670
	{DO YOU WISH TO 3 ME}	000680
	{YOU SEEM TO NEED TO 3 ME}	000690
	{DO YOU 3 ANYONE ELSE}	000700
	{DO YOU SAY 1}	000710
	{CAN YOU ELABORATE ON THAT} {DO YOU SAY 1 FOR SOME SPECIAL REASON}	000720
	{THAT'S QUITE INTERESTING}}	000730
	{YOU = I {DO I 0 YOU 0}	000740
	{WHY DO YOU THINK I 3 YOU}	000750
	{DID YOUR PARENTS 3 YOU}	000760
	{DO I AM 0} {WHAT MAKES YOU THINK I AM 4}	000770
	{DOES IT PLEASE YOU TO BELIEVE I AM 4}	000780
	{DO YOU SOMETIMES WISH YOU WERE 4}	000790
	{PERHAPS YOU WOULD LIKE TO BE 4}}	000800
	{DO I 0} {WE WERE DISCUSSING YOU - NOT ME}	000810
	{OH, I 3} {YOU'RE NOT REALLY TALKING ABOUT ME - ARE YOU}	000820
	{WHAT ARE YOUR FEELINGS NOW}}	000830
	{YES {DO YOU SEEM QUITE POSITIVE} {YOU ARE SURE}	000840
	{I SEE} {I UNDERSTAND}}	000850
	{NO {DO YOU ARE SAYING 'NO' JUST TO BE NEGATIVE}	000860
	{YOU ARE BEING A BIT NEGATIVE} {WHY NOT} {WHY 'NO'}}}	000870
	{MY = YOUR {DO YOUR 0 {FAMILY} 0}	000880
	{TELL ME MORE ABOUT YOUR FAMILY} {WHO ELSE IN YOUR FAMILY	000890
	5} {YOUR 4} {WHAT ELSE COMES TO MIND WHEN YOU THINK OF	000900
	YOUR 4}}	000910
	{DO YOUR 0} {YOUR 3} {WHY DO YOU SAY YOUR 3} {DOES THAT	000920
	SUGGEST ANYTHING ELSE WHICH BELONGS TO YOU} {IS IT	000930
	IMPORTANT TO YOU THAT 2 3}}	000940
	{CAN {DO YOU CAN I 0} {YOU BELIEVE I CAN 4 DON'T YOU}	000950
	{YOU WANT ME TO BE ABLE TO 4} {PERHAPS YOU WOULD LIKE TO BE	000960
	ABLE TO 4 YOURSELF}} {DO YOU CAN YOU 0} {WHETHER OR NOT YOU CAN 4	000970
	DEPENDS ON YOU MORE THAN ON ME} {DO YOU WANT TO BE ABLE TO 4}	000980
	{PERHAPS YOU DON'T WANT TO 4}}	000990
	{WHAT {DO YOU WHY DO YOU ASK} {DOES THAT QUESTION INTEREST YOU}	001000
	{WHAT IS IT YOU REALLY WANT TO KNOW}}	001010
	{BECAUSE {DO YOU {IS THAT THE REAL REASON} {DON'T ANY OTHER REASONS	001020
	COME TO MIND} {DOES THAT REASON SEEM TO EXPLAIN ANYTHING ELSE}	001030
	{WHAT OTHER REASONS MIGHT THERE BE}}	001040
	{WHY {DO YOU WHY DON'T I 0} {DO YOU BELIEVE I DON'T 5} {PERHAPS I	001050
	WILL 5 IN GOOD TIME} {SHOULD YOU 5 YOURSELF} {YOU WANT ME TO 5}}	001060
	{DO YOU WHY CAN'T YOU 0} {DO YOU THINK YOU SHOULD BE ABLE TO 5}	001070
	{DO YOU WANT TO BE ABLE TO 5} {DO YOU BELIEVE THIS WILL HELP YOU	001080
	TO 5} {HAVE YOU ANY IDEA WHY YOU CAN'T 5}}	001090
	{DO YOU WHY 0} {WHY DO YOU THINK 3} {IS IT TRUE THAT 3}	001100
	{DOES THAT QUESTION INTEREST YOU} {DO YOU WORRY MUCH ABOUT WHY 3}}	001110
	{EVERYONE 2 {DO YOU {REALLY, EVERYONE} {CAN YOU THINK OF	001120
	ANYONE IN PARTICULAR} {WHO, FOR EXAMPLE} {YOU ARE THINKING OF	001130
	A VERY SPECIAL PERSON}	001140
	{WHO, MAY I ASK} {SOMEONE SPECIAL PERHAPS}	001150
	{YOU HAVE A PARTICULAR PERSON IN MIND, DON'T YOU} {WHO DO YOU	001160
	THINK YOU'RE TALKING ABOUT}}	001170
	{EVERYBODY 2 {= EVERYONE}}	001180
	{NOBODY 2 {=EVERYONE}}	001190
	{NOONE 2 {=EVERYONE}}	001200
	{ALWAYS I {DO YOU {CAN YOU THINK OF A SPECIFIC EXAMPLE} {WHEN}	001210
	{WHAT INCIDENT ARE YOU THINKING OF} {REALLY, ALWAYS}}	001220



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291



PRINT, T0109, 2531, SPEAK, MAD

T0109 2531

1748.8

03/06

CHANGE MAD

	EXTERNAL FUNCTION (KEY, MYTRAN)	000010
	NORMAL MODE IS INTEGER	000020
	ENTRY TO CHANGE.	000030
	LIST.(INPUT)	000040
	V'S G(1)=\$TYPES,\$SUBST,\$APPEND,\$ADD\$,	000050
	1\$START\$, \$RANK\$, \$DISPLA\$	000060
	V'S SNUMB = \$ I3 *\$	000070
	FII=0	000080
CHANGE	PRINT COMMENT \$PLEASE INSTRUCT ME\$	001400
	LISTRD.(MLIST.(INPUT),0)	001410
	JOB=POPTOP.(INPUT)	001420
	T'H IDENT, FOR J=1,1, J.G. 7	001430
IDENT	W'R G(J) .E. JOB, T'O THEMA	001440
	PRINT COMMENT \$CHANGE NOT RECOGNIZED\$	001450
	T'O CHANGE	001460
THEMA	W'R J .E. 5, F'N IRALST.(INPUT)	001470
	W'R J .E. 7	001480
	T'H DISPLA, FOR I=0,1, I .G. 32	001490
	W'R LISTMT.(KEY(I)) .E. 0, T'O DISPLA	001500
	S=SEQRDR.(KEY(I))	001510
READ(7)	NEXT=SEQLR.(S,F)	001520
	W'R F .G. 0, T'O DISPLA	001530
	PRINT COMMENT **\$	001540
	TPRINT.(NEXT,0)	001550
	PRINT FORMAT SNUMB,I	001560
	PRINT COMMENT \$ \$	001570
	T'O READ(7)	001580
DISPLA	CONTINUE	001590
	PRINT COMMENT \$ \$	001600
	PRINT COMMENT \$MEMORY LIST FOLLOWS\$	001610
	PRINT COMMENT \$ \$	001620
	T'H MEMLST, FOR I=1, 1, I .G. 4	001630
MEMLST	TXTprt.(MYTRAN(I),0)	001640
	T'O CHANGE	001650
	E'L	001660
	THEME=PCPTOP.(INPUT)	001670
	SUBJT=KEY(HASH.(THEME,5))	001680
	S=SEQRDR.(SUBJT)	001690
LOOK	TERM=SEQLR.(S,F)	001700
	W'R F .G. 0, T'O FAIL	001710
	W'R TOP.(TERM) .E. THEME, T'O FOUND	001720
	T'O LOOK	001730
FOUND	T'O DELTA(J)	001740
DELTA(1)	TPrint.(TERM,0)	001750
	T'O CHANGE	001760
FAIL	PRINT COMMENT \$LIST NOT FOUND\$	001770
	T'O CHANGE	001780
DELTA(2)	S=SEQRDR.(TERM)	001790
	CLD=POPTOP.(INPUT)	001800
READ(1)	OBJT=SEQLR.(S,F)	001810
	W'R F .G. 0, T'O FAIL	001820
	W'R F .NE. 0, T'O READ(1)	001830
	INSIDE=SEQRDR.(OBJT)	001840
READ(2)	IT=SEQLR.(INSIDE,F)	001850
	W'R F .G. 0, T'O READ(1)	001860
	SIT=SEQRDR.(IT)	001870
	SOLD=SEQRDR.(OLD)	001880
ITOLD	TOLD=SEQLR.(SOLD,FOLD)	001890



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DIT=SEQLR.(SIT,FIT) 001900
W'R TOLD .E. DIT .AND. FOLD .LE. 0,T'O ITOLD 001910
W'R FOLD .G. 0, T'O OK(J) 001920
T'O READ(2) 001930
OK(2) SUBST.(POPTOP.(INPUT),LSPNTR.(INSIDE)) 001940
T'O CHANGE 001950
OK(3) NEWBOT.(POPTOP.(INPUT),OBJCT) 001960
T'O CHANGE 001970
DELTA(3) T'O DELTA(2) 001980
DELTA(4) W'R NAMTST.(BOT.(TERM)) .E. 0 001990
BOTTOM=POPBOT.(TERM) 002000
NEWBOT.(POPTOP.(INPUT),TERM) 002010
NEWBOT.(BOTTOM,TERM) 002020
O'E 002030
NEWBOT.(POPTOP.(INPUT),TERM) 002040
E'L 002050
T'O CHANGE 002060
DELTA(6) S=SEQRDR.(TERM) 002070
READ(6) OBJCT=SEQLR.(S,F) 002080
W'R F .G. 0, T'O FAIL 002090
W'R F .NE. 0, T'O READ(6) 002100
OBJCT=SEQLL.(S,F) 002110
W'R LNKL.(OBJCT) .E. 0 002120
SUBST.(POPTOP.(INPUT),LSPNTR.(S)) 002130
O'E 002140
NEWTOP.(POPTOP.(INPUT),LSPNTR.(S)) 002150
E'L 002160
T'O CHANGE 002170
R* * * * * END OF MODIFICATION ROUTINE 002180
E'N 002200
TPRINT MAD
EXTERNAL FUNCTION (LST) 000010
NORMAL MODE IS INTEGER 000020
ENTRY TO TPRINT. 000030
SA=SEQRDR.(LST) 000040
LIST.(OUT) 000050
READ NEXT=SEQLR.(SA,FA) 000060
W'R FA .G. 0, T'O P 000070
W'R FA .E. 0, T'O B 000090
POINT=NEWBOT.(NEXT,OUT) 000100
W'R SA .L. 0, MRKNEG.(POINT) 000110
T'O READ 000120
B TXTPRT.(OUT,0) 000130
SEQLL.(SA,FA) 000140
MORE NEXT=SEQLR.(SA,FA) 000150
W'R TOP.(NEXT) .E. $$ 000160
TXTPRT.(NEXT,0) 000170
T'O MORE 000180
E'L 000190
W'R FA .G. 0, T'O DONE 000200
PRINT COMMENT $ $ 000210
SB=SEQRDR.(NEXT) 000220
MEHR TERM=SEQLR.(SB,FB) 000230
W'R FB .L.0 000240
PRINT ON LINE FORMAT NUMBER, TERM 000250
V'S NUMBER = $I3 *$ 000260
T'O MEHR 000270
E'L 000280
W'R FB .G. 0, T'O MORE 000290
TXTPRT.(TERM,0) 000300
T'O MEHR 000310

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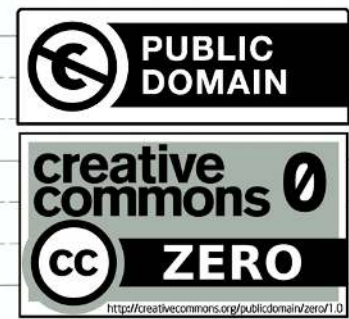
14853  
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	P	TXTPRT.(OUT,0)	000320
	DONE	IRALST.(OUT)	000330
		F*N	000340
		E*N	000350
	LPRINT	MAD	
		EXTERNAL FUNCTION (LST,TAPE)	006340
		NORMAL MODE IS INTEGER	006350
		ENTRY TO LPRINT.	006360
		BLANK = \$ \$	006370
		EXECUTE PLACE.(TAPE,0)	006380
		LEFTP = 606074606060K	006390
		RIGHTP= 606034606060K	006400
		BOTH = 607460603460K	006410
		EXECUTE NEWTOP.(SEQRDR.(LST),LIST.(STACK))	006420
		S=POPTOP.(STACK)	006430
	BEGIN	EXECUTE PLACE.(LEFTP,1)	006440
	NEXT	WORD=SEQLR.(S,FLAG)	006450
		W*R FLAG .L. 0	006460
		EXECUTE PLACE.(WORD,1)	006470
		W*R S .G. 0, PLACE.(BLANK,1)	006480
		T'O NEXT	006490
		OR W*R FLAG .G. 0	006500
		EXECUTE PLACE.(RIGHTP,1)	006510
		W*R LISTMT.(STACK) .E. 0, T'O DONE	006520
		S=POPTOP.(STACK)	006530
		T'O NEXT	006540
		OTHERWISE	006550
		W*R LISTMT.(WORD) .E. 0	006560
		EXECUTE PLACE.(BOTH,1)	006570
		T'O NEXT	006580
		OTHERWISE	006590
		EXECUTE NEWTOP.(S,STACK)	006600
		S=SEQRDR.(WORD)	006610
		T'O BEGIN	006620
		E*L	006630
		E*L	006640
	DONE	EXECUTE PLACE.(0,-1)	006650
		EXECUTE IRALST.(STACK)	006660
		FUNCTION RETURN LST	006670
		END OF FUNCTION	006680
	TESTS	MAD	
		EXTERNAL FUNCTION(CAND,S)	000010
		NORMAL MODE IS INTEGER	000020
		DIMENSION FIRST(5),SECOND(5)	000030
		ENTRY TO TESTS.	000040
		STORE=S	000050
		READER=SEQRDR.(CAND)	000060
		T'H ONE, FOR I=0,1, I .G. 100	000070
		FIRST(I)=SEQLR.(READER,FR)	000080
	ONE	W*R READER .G. 0, T'O ENDCNE	000090
	ENDCNE	SEQLL.(S,F)	000100
		T'H TWO, FOR J=0,1, J .G. 100	000110
		SECOND(J)=SEQLR.(S,F)	000120
	TWO	W*R S .G. 0, T'O ENDTWO	000130
	ENDTWO	W*R I .NE. J, F*N 0	000140
		T'H LOOK, FOR K=0,1, K.G. J	000150
	LOOK	W*R FIRST(K) .NE. SECOND(K), F*N 0	000170
		EQL=SEQLR.(READER,FR)	000180
		W*R EQL .NE. \$=\$	000190
		SEQLL.(READER,FR)	000200
		F*N READER	000210





	O*E	000220
	POINT=LNKL.(STORE)	000230
	T'H DELETE , FOR K=0,1, K .G. J	000240
	REMOVE.(LSPNTR.(STORE))	000250
DELETE	SEQLR.(STORE,F)	000260
INSRT	NEW=SEQLR.(READER,FR)	000270
	POINT=NEWTOP.(NEW,POINT)	000280
	MRKNEG.(POINT)	000290
	W'R READER .L. 0, T'O INSRT	000300
	MRKPOS.(POINT)	000310
	F*N READER	000320
	E*L	000330
	E*N	000340
	DOCBOD MAD	
	EXTERNAL FUNCTION (A,B)	000010
	NORMAL MODE IS INTEGER	000020
	ENTRY TO FRBCD.	000030
	W'R LNKL.(A) .E. 0, T'O NUMBER	000040
	B=A	000050
	F*N 0	000060
NUMBER	K=A*262144	000070
	B=BCCIT.(K)	000080
	F*N 0	000090
	E*N	000100
	ELIZA MAD	
	NORMAL MODE IS INTEGER	000010
	DIMENSION KEY(32),MYTRAN(4)	000020
	INITAS.(0)	000030
	PRINT COMMENT \$WHICH SCRIPT DO YOU WISH TO PLAY\$	000060
	READ FORMAT SNUMB,SCRIPT	000070
	LIST.(TEST)	000080
	LIST.(INPUT)	000090
	LIST.(OUTPUT)	000100
	LIST.(JUNK)	000110
	LIMIT=1	000120
	LSSCPY.(TREAD.(INPUT,SCRIPT),JUNK)	000130
	MLIST.(INPUT)	000140
MLST	T'H MLST, FOR I=1,1, I .G. 4	000150
	LIST.(MYTRAN(I))	000160
	MINE=0	000170
	LIST.(MYLIST)	000180
	T'H KEYLST, FOR I=0,1, I .G. 32	000220
KEYLST	LIST.(KEY(I))	000230
	R* * * * * READ NEW SCRIPT	000240
BEGIN	MLIST.(INPUT)	000250
	NODLST.(INPUT)	000260
	LISTRD.(INPUT,SCRIPT)	000270
	W'R LISTMT.(INPUT) .E. 0	000280
	TXPRT.(JUNK,0)	000290
	MLIST.(JUNK)	000300
	T'O START	000310
	E*L	000320
	W'R TOP.(INPUT) .E. \$NONE\$	000330
	NEWTOP.(LSSCPY.(INPUT,LIST.(9)),KEY(32))	000340
	T'O BEGIN	000350
	OR W'R TOP.(INPUT) .E. \$MEMORY\$	000360
	POPTOP.(INPUT)	000370
	MEMORY=POPTOP.(INPUT)	000380
	T'H MEM, FOR I=1,1, I .G. 4	000390
MEM	LSSCPY.(POPTOP.(INPUT),MYTRAN(I))	000400
	T'O BEGIN	000410



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O'E 000420
NEWBOT.(LSSCPY.(INPUT,LIST.(9)),KEY{HASH. 000430
I (TOP.(INPUT),5))) 000440
T'O BEGIN 000450
E'L 000460
R* * * * * BEGIN MAJOR LOOP 000470
START TREAD.(MTLIST.(INPUT),0) 000480
KEYWRD=0 000490
PREDNC=0 000500
LIMIT=LIMIT+1 000510
W'R LIMIT .E. 5, LIMIT=1 000520
W'R LISTMT.(INPUT) .E. 0, T'O ENDPLA 000530
IT=0 000540
W'R TOP.(INPUT) .E. $$ 000550
CHANGE.(KEY,MYTRAN) 000560
T'O START 000570
E'L 000580
W'R TOP.(INPUT) .E. $$, T'O NEWLST 000590
NOTYET S=SEQRDR.(INPUT) 000600
W'R S .L. 0 000610
SEQLR.(S,F) 000620
T'O NOTYET 000630
O'E 000640
WORD=SEQLR.(S,F) 000650
W'R WORD .E. $$ .OR. WORD .E. $$ .OR. WORD .E. $BUT$ 000660
W'R IT .E. 0 000670
NULSTL.(INPUT,LSPNTR.(S),JUNK) 000680
MTLIST.(JUNK) 000690
T'O NOTYET 000700
O'E 000710
NULSTR.(INPUT,LSPNTR.(S),JUNK) 000720
MTLIST.(JUNK) 000730
T'O ENDTXT 000740
E'L 000750
E'L 000760
E'L 000770
W'R F .G. 0, T'O ENDTXT 000780
I=HASH.(WORD,5) 000790
SCANNER=SEQRDR.(KEY(I)) 000800
SF=0 000810
T'H SEARCH, FOR J=0,0, SF .G. 0 000820
CAND= SEQLR.(SCANNER,SF) 000830
W'R SF .G. 0, T'O NOTYET 000840
SEARCH W'R TOP.(CAND) .E. WORD, T'O KEYFND 000850
KEYFND READER=TESTS.(CAND,S) 000860
W'R READER .E. 0, T'O NOTYET 000870
W'R LSTNAM.(CAND) .NE. 0 000880
DL=LSTNAM.(CAND) 000890
SEQ W'R S .L. 0 000900
SEQLR.(S,F) 000910
T'O SEQ 000920
O'E 000930
NEWTOP.(DL,LSPNTR.(S)) 000940
E'L 000950
O'E 000960
E'L 000970
NEXT=SEQLR.(READER,FR) 000980
W'R FR .G. 0, T'O NOTYET 000990
PLCKEY W'R IT .E. 0 .AND. FR .E. 0 001000
IT=READER 001010
KEYWRD=WORD 001020

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	OR W'R FR .L. 0 .AND. NEXT .G. PREDNC	001030
	PREDNC=NEXT	001040
	NEXT=SEQLR.(READER,FR)	001050
	T'C PLCKEY	001060
	O'E	001070
	T'O NOTYET	001080
	E'L	001090
	T'O NOTYET	001100
	R* * * * * END OF MAJOR LOOP	001110
ENDTXT	W'R IT .E. 0	001120
	W'R LIMIT .E. 4 .AND. LISTMT.(MYLIST) .NE. 0	001130
	OUT=POPTOP.(MYLIST)	001140
	TXTPT.(OUT,0)	001150
	IRALST.(OUT)	001160
	T'O START	001170
	O'E	001180
	ES=BOT.(TOP.(KEY(32)))	001190
	T'O TRY	001200
	E'L	001210
	OR W'R KEYWRD .E. MEMORY	001220
	I=HASH.(BOT.(INPUT),2)+1	001230
	NEWBOT.(REGEL.(MYTRAN(I),INPUT,LIST.(MINE)),MYLIST)	001240
	SEQLL.(IT,FR)	001250
	T'O MATCH	001260
	O'E	001270
	SEQLL.(IT,FR)	001280
	R* * * * * MATCHING ROUTINE	001290
MATCH	ES=SEQLR.(IT,FR)	001300
	W'R TOP.(ES) .E. \$=\$	001310
	S=SEQRDR.(ES)	001320
	SEQLR.(S,F)	001330
	WORD=SEQLR.(S,F)	001340
	I=HASH.(WORD,5)	001350
	SCANNER=SEQRDR.(KEY(I))	001360
SCAN	ITS=SEQLR.(SCANNER,F)	001370
	W'R F .G. 0, T'O NOMACH(LIMIT)	001380
	W'R WORD .E. TOP.(ITS)	001390
	S=SEQRDR.(ITS)	001400
SCANI	ES=SEQLR.(S,F)	001410
	W'R F .NE. 0, T'O SCANI	001420
	IT=S	001430
	T'O TRY	001440
	O'E	001450
	T'O SCAN	001460
	E'L	001470
	E'L	001480
	W'R FR .G. 0, T'O NOMACH(LIMIT)	001490
TRY	W'R YMATCH.(TOP.(ES),INPUT,MTLIST.(TEST)) .E. 0, T'O MATCH	001500
	ESRDR=SEQRDR.(ES)	001510
	SEQLR.(ESRDR,ESF)	001520
	POINT=SEQLR.(ESRDR,ESF)	001530
	POINTR=LSPNTR.(ESRDR)	001540
	W'R ESF .E. 0	001550
	NEWBOT.(1,POINTR)	001560
	TRANS=POINT	001570
	T'O HIT	001580
	O'E	001590
	T'H FNDHIT, FOR I=0,1, I .G. POINT	001600
FNDHIT	TRANS=SEQLR.(ESRDR,ESF)	001610
	W'R ESF .G. 0	001620
	SEQLR.(ESRDR,ESF)	001630



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                                SEQLR.(ESRDR,ESF)                001640
                                TRANS=SEQLR.(ESRDR,ESF)        001650
                                SUBST.(1,POINTR)                001660
                                T'O HIT                          001670
                                O'E                              001680
                                SUBST.(POINT+1,POINTR)          001690
                                T'O HIT                          001700
                                E*L                              001710
                                E*L                              001720
HIT                               TXTPRT.(ASSMBL.(TRANS,TEST,MTLIST.(OUTPUT)),0) 001730
                                T'O START                       001740
                                E*L                              001750
NEWLST                             R***** INSERT NEW KEYWORD LIST 001760
                                POPTOP.(INPUT)                 001770
                                NEWBOT.(LSSCPY.(INPUT,LIST.(9)),KEY(HASH. 001780
                                I(TOP.(INPUT),5)))              001790
                                T'O START                       001800
                                R***** DUMP REVISED SCRIPT    001810
ENDPLA                             PRINT COMMENT $WHAT IS TO BE THE NUMBER OF THE NEW SCRIPT$ 001820
                                READ FORMAT SNUMB,SCRIPT        001830
                                LPRINT.(INPUT,SCRIPT)           001840
                                NEWTOP.(MEMORY,MTLIST.(OUTPUT)) 001850
                                NEWTOP.($MEMORY$,OUTPUT)        001860
                                T'H DUMP, FOR I=1,1, I .G. 4    001870
                                NEWBOT.(MYTRAN(I),OUTPUT)       001880
                                LPRINT.(OUTPUT,SCRIPT)          001890
                                MTLIST.(OUTPUT)                 001900
                                T'H WRITE, FOR I=0,1, I .G. 32  001910
                                W'R LISTMT.(KEY(I)) .E. 0, T'O WRITE 001920
                                LPRINT.(POPTOP.(KEY(I)),SCRIPT) 001930
                                T'O POPMOR                       001940
WRITE                               CONTINUE                     001950
                                LPRINT.(MTLIST.(INPUT),SCRIPT) 001960
                                EXIT.                            001970
                                R***** SCRIPT ERROR EXIT      001980
NOMACH(1) PRINT COMMENT $PLEASE CONTINUE $                    002200
                                T'O START                       002210
NOMACH(2) PRINT COMMENT $HMM $                                  002220
                                T'O START                       002230
NOMACH(3) PRINT COMMENT $GO ON , PLEASE $                      002240
                                T'O START                       002250
NOMACH(4) PRINT COMMENT $I SEE $                               002260
                                T'O START                       002270
                                VECTOR VALUES SNUMB= $I3 * $  002280
                                E*M                              002290

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(HOW DO YOU DO. I AM THE DOCTOR. PLEASE SIT DOWN AT THE TYPEWRITER	000010
AND TELL ME YOUR PROBLEM.)	000020
(IF 3 ((O IF O) (DO YOU THINK ITS LIKELY THAT 3) (DO YOU WISH THAT 3)	000030
(WHAT DO YOU THINK ABOUT 3) (REALLY, 2 3)))	000040
(HOW (=WHAT))	000050
(WHEN (=WHAT))	000060
(MEMORY MY (O YOUR O = LETS DISCUSS FURTHER WHY YOUR 3)	000070
(O YOUR O = EARLIER YOU SAID YOUR 3)	000080
(O YOUR O = BUT YOUR 3)	000090
(O YOUR O = DOES THAT HAVE ANYTHING TO DO WITH THE FACT THAT YOUR 3))	000100
(NONE ((O) (I AM NOT SURE I UNDERSTAND YOU FULLY)	000110
(PLEASE GO ON)	000120
(WHAT DOES THAT SUGGEST TO YOU)	000130
(DO YOU FEEL STRONGLY ABOUT DISCUSSING SUCH THINGS)))	000140
(PERHAPS ((O) (YOU DON'T SEEM QUITE CERTAIN)	000150
(WHY THE UNCERTAIN TONE)	000160
(CAN'T YOU BE MORE POSITIVE)	000170
(YOU AREN'T SURE) (DON'T YOU KNOW)))	000180
(MAYBE (=PERHAPS))	000190
(AM = ARE ((O ARE YOU O) (DO YOU BELIEVE YOU ARE 4)	000210
(WOULD YOU WANT TO BE 4) (YOU WISH I WOULD TELL YOU YOU ARE 4)	000220
(WHAT WOULD IT MEAN IF YOU WERE 4))	000230
((O) (WHY DO YOU SAY 'AM') (I DON'T UNDERSTAND THAT)))	000240
(ARE = AM ((O AM I O)	000250
(WHY ARE YOU INTERESTED IN WHETHER I AM 4 OR NOT)	000260
(WOULD YOU PREFER IF I WEREN'T 4) (PERHAPS I AM 4 IN YOUR	000270
FANTASIES) (DO YOU SOMETIMES THINK I AM 4))	000280
((O AM O) (DID YOU THINK THEY MIGHT NOT BE 3)	000290
(WOULD YOU LIKE IT IF THEY WERE NOT 3) (WHAT IF THEY WERE NOT 3)	000300
(POSSIBLY THEY ARE 3)) )	000310
(YOUR = MY ((O MY O) (WHY ARE YOU CONCERNED OVER MY 3)	000320
(WHAT ABOUT YOUR OWN 3) (ARE YOU WORRIED ABOUT SOMEONE ELSE 3)	000330
(REALLY, MY 3)))	000340
(WAS = WERE)	000350
(WERE = WAS)	000360
(ME = YOU)	000370
(YOU'RE = I'M)	000380
(I'M = YOU'RE)	000390
(MYSELF = YOURSELF)	000400
(YOURSELF = MYSELF)	000410
(MOTHER DLIST(/NOUN FAMILY))	000420
(FATHER DLIST(/NOUN FAMILY))	000430
(SISTER DLIST(/FAMILY))	000440
(BROTHER DLIST(/FAMILY))	000450
(WIFE DLIST(/FAMILY))	000460
(CHILDREN DLIST(/FAMILY))	000470
(I = YOU ((O YOU ARE O I O)	000480
(PERHAPS YOU ARE 4 SOMEONE ELSE)	000490
(ARE YOU 4 ANYONE) (ARE YOU 4 ANYONE IN YOUR FAMILY)	000500
(PERHAPS YOU WISH I WERE 4 YOU 6))	000510
((O YOU ARE O)	000520
(IS IT BECAUSE YOU ARE 4 THAT YOU CAME TO ME)	000530
(HOW LONG HAVE YOU BEEN 4)	000540
(DO YOU BELIEVE IT NORMAL TO BE 4)	000550
(DO YOU ENJOY BEING 4))	000560
((O YOU CAN'T O) (HOW DO YOU KNOW YOU CAN'T 4)	000570
(HAVE YOU TRIED)	000580
(PERHAPS YOU COULD 4 NOW)	000590
(DO YOU REALLY WANT TO BE ABLE TO 4))	000600



	((O YOU DON'T O)(DON'T YOU REALLY 4)(WHY DON'T YOU 4)	000610
	(DO YOU WISH TO BE ABLE TO 4) (DOES THAT TROUBLE YOU)	000620
	((O YOU FEEL O) (TELL ME MORE ABOUT SUCH FEELINGS)	000630
	(DO YOU OFTEN FEEL 4)	000640
	(DO YOU ENJOY FEELING 4)	000650
	(OF WHAT DOES FEELING 4 REMIND YOU)	000660
	((O YOU O I O) (PERHAPS IN YOUR FANTASY WE 3 EACH OTHER)	000670
	(DO YOU WISH TO 3 ME)	000680
	(YOU SEEM TO NEED TO 3 ME)	000690
	(DO YOU 3 ANYONE ELSE)	000700
	((O) (YOU SAY 1)	000710
	(CAN YOU ELABORATE ON THAT) (DO YOU SAY 1 FOR SOME SPECIAL REASON)	000720
	(THAT'S QUITE INTERESTING))	000730
	(YOU = I ((O I O YOU O)	000740
	(WHY DO YOU THINK I 3 YOU)	000750
	(DID YOUR PARENTS 3 YOU)	000760
	((O I AM O) (WHAT MAKES YOU THINK I AM 4)	000770
	(DOES IT PLEASE YOU TO BELIEVE I AM 4)	000780
	(DO YOU SOMETIMES WISH YOU WERE 4)	000790
	(PERHAPS YOU WOULD LIKE TO BE 4))	000800
	((O I O) (WE WERE DISCUSSING YOU - NOT ME)	000810
	(OH, I 3) (YOU'RE NOT REALLY TALKING ABOUT ME - ARE YOU)	000820
	(WHAT ARE YOUR FEELINGS NOW))	000830
	(YES ((O) (YOU SEEM QUITE POSITIVE) (YOU ARE SURE)	000840
	(I SEE) (I UNDERSTAND))	000850
	(NO ((O) (ARE YOU SAYING 'NO' JUST TO BE NEGATIVE)	000860
	(YOU ARE BEING A BIT NEGATIVE) (WHY NOT) (WHY 'NO'))	000870
	(MY = YOUR ((O YOUR O (/FAMILY) O)	000880
	(TELL ME MORE ABOUT YOUR FAMILY) ( WHO ELSE IN YOUR FAMILY	000890
	5) (YOUR 4) (WHAT ELSE COMES TO MIND WHEN YOU THINK OF	000900
	YOUR 4))	000910
	((O YOUR O) (YOUR 3) (WHY DO YOU SAY YOUR 3) (DOES THAT	000920
	SUGGEST ANYTHING ELSE WHICH BELONGS TO YOU) (IS IT	000930
	IMPORTANT TO YOU THAT 2 3))	000940
	(CAN ((O CAN I O) (YOU BELIEVE I CAN 4 DON'T YOU)	000950
	(YOU WANT ME TO BE ABLE TO 4) (PERHAPS YOU WOULD LIKE TO BE	000960
	ABLE TO 4 YOURSELF)) ((O CAN YOU O) (WHETHER OR NOT YOU CAN 4	000970
	DEPENDS ON YOU MORE THAN ON ME) (DO YOU WANT TO BE ABLE TO 4)	000980
	(PERHAPS YOU DON'T WANT TO 4))	000990
	(WHAT ((O) (WHY DO YOU ASK) (DOES THAT QUESTION INTEREST YOU)	001000
	(WHAT IS IT YOU REALLY WANT TO KNOW)	001010
	(ARE SUCH QUESTIONS MUCH ON YOUR MIND)	001020
	(WHAT ANSWER WOULD PLEASE YOU MOST)	001030
	(WHAT DO YOU THINK) (WHAT COMES TO YOUR MIND WHEN YOU ASK THAT)	001040
	(HAVE YOU ASKED SUCH QUESTION BEFORE)	001050
	(HAVE YOU ASKED ANYONE ELSE))	001060
	(BECAUSE ((O) (IS THAT THE REAL REASON) (DON'T ANY OTHER REASONS	001070
	COME TO MIND) (DOES THAT REASON SEEM TO EXPLAIN ANYTHING ELSE)	001080
	(WHAT OTHER REASONS MIGHT THERE BE))	001090
	(WHY ((O WHY DON'T I O) (DO YOU BELIEVE I DON'T 5) (PERHAPS I	001100
	WILL 5 IN GOOD TIME) (SHOULD YOU 5 YOURSELF) (YOU WANT ME TO 5))	001110
	((O WHY CAN'T YOU O) (DO YOU THINK YOU SHOULD BE ABLE TO 5)	001120
	(DO YOU WANT TO BE ABLE TO 5) (DO YOU BELIEVE THIS WILL HELP YOU	001130
	TO 5) (HAVE YOU ANY IDEA WHY YOU CAN'T 5))	001140
	(= WHAT))	001150
	(EVERYONE 2 ((O) (REALLY, EVERYONE) (CAN YOU THINK OF	001160
	ANYONE IN PARTICULAR) (WHO, FOR EXAMPLE) (YOU ARE THINKING OF	001170
	A VERY SPECIAL PERSON)	001180
	(WHC, MAY I ASK) (SOMEONE SPECIAL PERHAPS)	001190
	(YOU HAVE A PARTICULAR PERSON IN MIND, DON'T YOU) (WHO DO YOU	001200
	THINK YOU'RE TALKING ABOUT))	001210



{EVERYBODY 2 (= EVERYONE)}

001220

{NOBODY 2 (=EVERYONE)}

001230

{NCCNE 2 (=EVERYONE)}

001240

{ALWAYS 1 ({} (CAN YOU THINK OF A SPECIFIC EXAMPLE) (WHEN)

001250

{WHAT INCIDENT ARE YOU THINKING OF) (REALLY, ALWAYS))

001260

{}

001270



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