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COMPUTER CONVERSATIONS (1965)

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PRINT, T0109, 2531, TAPE, 102

T0109 2531

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1413
Rutha Luv handwrt

ROYAL BUSINESS FORMS INCORPORATED

(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))) 000160
 (MAYBE (=PERHAPS)) 000170
 (DON'T YOU KNOW) 000180
 (AM = ARE ((O ARE YOU O)) (DO YOU BELIEVE YOU ARE 4)) 000190
 (WOULD YOU WANT TO BE 4) (YOU WISH I WOULD TELL YOU YOU ARE 4) 000200
 (WHAT WOULD IT MEAN IF YOU WERE 4)) 000210
 ((O)) (WHY DO YOU SAY 'AM') (I DON'T UNDERSTAND THAT)) 000220
 (ARE = AM ((O AM I O))) 000230
 (WHY ARE YOU INTERESTED IN WHETHER I AM 4 OR NOT) 000240
 (WOULD YOU PREFER IF I WEREN'T 4) (PERHAPS I AM 4 IN YOUR 000250
 FANTASIES) (DO YOU SOMETIMES THINK I AM 4)) 000260
 ((O AM O)) (DID YOU THINK THEY MIGHT NOT BE 3) 000270
 (WOULD YOU LIKE IT IF THEY WERE NOT 3)) (WHAT IF THEY WERE NOT 3) 000280
 (POSSIBLY THEY ARE 3))) 000290
 (YOUR = MY ((O MY O)) (WHY ARE YOU CONCERNED OVER MY 3)) 000300
 (WHAT ABOUT YOUR OWN 3)) (ARE YOU WORRIED ABOUT SOMEONE ELSE'S 3) 000310
 (REALLY, MY 3))) 000320
 (WAS = WERE) 000330
 (WERE = WAS) 000340
 (ME = YOU) 000350
 (YOU'RE = I'M) 000360
 (I'M = YOU'RE) 000370
 (MYSELF = YOURSELF) 000380
 (YOURSELF = MYSELF) 000390
 (MOTHER DLIST(/NOUN FAMILY)) 000400
 (FATHER DLIST(/NOUN FAMILY)) 000410
 (SISTER DLIST(/FAMILY)) 000420
 (BROTHER DLIST(/FAMILY)) 000430
 (WIFE DLIST(/FAMILY)) 000440
 (CHILDREN DLIST(/FAMILY)) 000450
 ((I = YOU ((O YOU ARE O I O))) 000460
 (PERHAPS YOU ARE 4 SOMEONE ELSE) 000470
 (ARE YOU 4 ANYONE) (ARE YOU 4 ANYONE IN YOUR FAMILY) 000480
 (PERHAPS YOU WISH I WERE 4 YOU 6)) 000490
 ((O YOU ARE O)) 000500
 (IS IT BECAUSE YOU ARE 4 THAT YOU CAME TO ME) 000510
 (HOW LONG HAVE YOU BEEN 4) 000520
 (DO YOU BELIEVE IT NORMAL TO BE 4) 000530
 (DO YOU ENJOY BEING 4)) 000540
 ((O YOU CAN'T O)) (HOW DO YOU KNOW YOU CAN'T 4)) 000550
 (HAVE YOU TRIED) 000560
 (PERHAPS YOU COULD 4 NOW) 000570
 (DO YOU REALLY WANT TO BE ABLE TO 4)) 000580
 ((O YOU DON'T O)) (DON'T YOU REALLY 4)) (WHY DON'T YOU 4)) 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
 (BECAUSE ((O)) (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 ((O WHY DON'T I O)) (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
 ((O WHY CAN'T YOU O)) (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
 ((C WHY O)) (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 ((O)) (REALLY, EVERYONE)) (CAN YOU THINK OF 001120
 ANYONE IN PARTICULAR) (WHO, FOR EXAMPLE) (YOU ARE THINKING OF 001130
 A VERY SPECIAL PERSON)) 001140
 (WHC, 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
 (NONE 2 (=EVERYONE)) 001200
 (ALWAYS 1 ((O)) (CAN YOU THINK OF A SPECIFIC EXAMPLE)) (WHEN) 001210
 (WHAT INCIDENT ARE YOU THINKING OF) (REALLY, ALWAYS))) 001220



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1411-3

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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)=\$TYPE\$, \$SUBST\$, \$APPEND\$, \$ADD\$, 1\$START\$, \$RANK\$, \$DISPLAS	000050 000060
	V'S SNUMB = \$ I3 *\$	000070
	FIT=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
	DISPLA T'O READ(7)	001580
	CONTINUE	001590
	PRINT COMMENT \$\$	001600
	PRINT COMMENT \$MEMORY LIST FOLLOWS\$	001610
	PRINT COMMENT \$\$	001620
	MEMLST T'H MEMLST, FOR I=1 , 1, I .G. 4	001630
	TXTPRT.(MYTRAN(I),0)	001640
	T'O CHANGE	001650
	E'L	001660
	THEME=PCPTOP.(INPUT)	001670
	SUBJCT=KEY(HASH.(THEME,5))	001680
	S=SEQRDR.(SUBJCT)	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
	OLD=POPTOP.(INPUT)	001800
	OBJCT=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.(OBJCT)	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 FULD .G. 0, T'O OK(J)	001920
T'O READ(2)	001930
OK(2) SUBST.(PCPTOP.(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 NAMST.(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=SEQDR.(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=SEQDR.(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
MORE SEQLL.(SA,FA)	000140
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=SEQDR.(NEXT)	000220
TERM=SEQLR.(SB,FB)	000230
W'R FB .L.0	000240
PRINT ON LINE FORMAT NUMBER, TERM	000250
V'S NUMBER = \$13 **	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



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 ENDONE 000090
 ENDONE 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
 LOOK T'H LOOK, FOR K=0,1, K.G. J 000150
 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



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    O'E                               000220
    POINT=LNKL.(STORE)                000230
    T'H DELETE , FOR K=0,1, K .G. J   000240
    REMOVE.(LSPNTR.(STORE))           000250
    SEQLR.(STORE,F)                 000260
    NEW=SECLR.(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

    DOCBCD 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
    NUMBER                         000060
    K=A*262144                      000070
    B=BCDIT.(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
    MTLIST.(INPUT)                  000140
    T'H MLST, FOR I=1,1, I .G. 4    000150
    MLST                           000160
    LIST.(MYTRAN(I))               000170
    MINE=0                          000180
    LIST.(MYLIST)                  000190
    T'H KEYLST, FOR I=0,1, I .G. 32 000220
    KEYLST                         000230
    LIST.(KEY(I))                  000240
    R* * * * * * * * READ NEW SCRIPT 000250
    BEGIN                          000260
    MTLIST.(INPUT)                  000270
    NDLST.(INPUT)                   000280
    LISTRD.(INPUT,SCRIPT)           000290
    W'R LISTMT.(INPUT) .E. 0         000300
    TXTPRT.(JUNK,0)                 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
    LSSCPY.(POPTOP.(INPUT),MYTRAN(I)) 000400
    T'O BEGIN                      000410

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O'E
NEWBOT.(LSSCPY.(INPUT,LIST.(9)),KEY(HASH.
1 (TOP.(INPUT),5)))
T'O BEGIN
E'L
***** BEGIN MAJOR LOOP
START TREAD.(MTLIST.(INPUT),0)
KEYWRD=0
PREDNC=0
LIMIT=LIMIT+1
W'R LIMIT .E. 5, LIMIT=1
W'R LISTMT.(INPUT) .E. 0, T'O ENDPLA
IT=0
W'R TOP.(INPUT) .E. $$, CHANGE.(KEY,MYTRAN)
T'O START
E'L
W'R TOP.(INPUT) .E. $$, T'O NEWLST
S=SEQRDR.(INPUT)
NOTYET W'R S .L. 0
SEQLR.(S,F)
T'O NOTYET
O'E
WORD=SEQLR.(S,F)
W'R WORD .E. $. .OR. WORD .E. $$ .OR. WORD .E. $BUT$ .OR. IT .E. 0
NULSTL.(INPUT,LSPNTR.(S),JUNK)
MTLIST.(JUNK)
T'O NOTYET
O'E
NULSTR.(INPUT,LSPNTR.(S),JUNK)
MTLIST.(JUNK)
T'O ENDTXT
T'L
E'L
E'L
W'R F .G. 0, T'O ENDTXT
I=HASH.(WORD,5)
SCANER=SEQRDR.(KEY(I))
SF=0
T'H SEARCH, FOR J=0,0, SF .G. 0
CAND= SEQLR.(SCANER,SF)
W'R SF .G. 0, T'O NOTYET
SEARCH W'R TOP.(CAND) .E. WORD, T'O KEYFND
KEYFND READER=TESTS.(CAND,S)
W'R READER .E. 0, T'O NOTYET
W'R LSTNAM.(CAND) .NE. 0
SEQ DL=LSTNAM.(CAND)
W'R S .L. 0
SEQLR.(S,F)
T'O SEQ
O'E
NEWTOP.(DL,LSPNTR.(S))
E'L
O'E
E'L
NEXT=SEQLR.(READER,FR)
W'R FR .G. 0, T'O NOTYET
W'R IT .E. 0 .AND. FR .E. 0
PLCKEY IT=READER
KEYWRD=WORD

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OR W'R FR .L. 0 .AND. NEXT .G. PREDNC
 PREDNC=NEXT
 NEXT=SEQLR.(READER,FR)
 T'C PLCKEY
 O'E
 T'O NOTYET
 E'L
 T'C NOTYET
 R# * * * * * END OF MAJOR LOOP
ENDTXT W'R IT .E. 0
 W'R LIMIT .E. 4 .AND. LISTMT.(MYLIST) .NE. 0
 OUT=POPTOP.(MYLIST)
 TXTPTT.(OUT,0)
 IRALST.(OUT)
 T'O START
 O'E
 ES=BOT.(TOP.(KEY(32)))
 T'O TRY
 E'L
 OR W'R KEYWRD .E. MEMORY
 I=HASH.(BOT.(INPUT),2)+1
 NEWBOT.(REGEL.(MYTRAN(I)),INPUT,LIST.(MINE)),MYLIST)
 SEQLL.(IT,FR)
 T'O MATCH
 O'E
 SEQLL.(IT,FR)
 R# * * * * * * * * MATCHING ROUTINE
MATCH
 ES=SEQLR.(IT,FR)
 W'R TOP.(ES) .E. \$\$
 S=SEQDR.(ES)
 SEQLR.(S,F)
 WORD=SEQLR.(S,F)
 I=HASH.(WORD,5)
 SCANNER=SEQDR.(KEY(I))
SCAN
 ITS=SEQLR.(SCANNER,F)
 W'R F .G. 0, T'O NOMACH(LIMIT)
 W'R WORD .E. TOP.(ITS)
 S=SEQDR.(ITS)
 ES=SEQLR.(S,F)
SCAN1
 W'R F .NE. 0, T'O SCAN1
 IT=S
 T'O TRY
 O'E
 T'O SCAN
 E'L
 E'L
TRY
 W'R FR .G. 0, T'O NOMACH(LIMIT)
 W'R YMATCH.(TOP.(ES),INPUT,MLIST.(TEST)) .E. 0, T'O MATCH
 ESRDR=SEQDR.(ES)
 SEQLR.(ESRDR,ESF)
 POINT=SEQLR.(ESRDR,ESF)
 PTRNTR=LSPNTR.(ESRDR)
 W'R ESF .E. 0
 NEWBOT.(1,POINT)
 TRANS=POINT
 T'O HIT
 O'E
FNDHIT
 T'H FNDHIT, FOR I=0,1, I .G. POINT
 TRANS=SEQLR.(ESRDR,ESF)
 W'R ESF .G. 0
 SEQLR.(ESRDR,ESF)



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	SEQLR.(ESRDR,ESF)	001640
	TRANS=SEQLR.(ESRDR,ESF)	001650
	SUBST.(I,POINTR)	001660
	T'0 HIT	001670
	O'E	001680
	SUBST.(POINT+1,POINTR)	001690
	T'0 HIT	001700
	E'L	001710
	E'L	001720
	HIT	001730
	TXTPRT.(ASSMBL.(TRANS,TEST,MTLIST.(OUTPUT)),0)	001740
	T'0 START	001750
	E'L	001760
	R* * * * * INSERT NEW KEYWORD LIST	001770
	NEWLST POPTOP.(INPUT)	001780
	NEWBOT.(LSSCPY.(INPUT,LIST.(9)),KEY(HASH.	001790
	1(TOP.(INPUT),5))	001800
	T'0 START	001810
	R* * * * * DUMP REVISED SCRIPT	001820
	ENDPLA PRINT COMMENT \$WHAT IS TO BE THE NUMBER OF THE NEW SCRIPT\$	001830
	READ FORMAT SNUMB,SCRIPT	001840
	LPRINT.(INPUT,SCRIPT)	001850
	NEWTOP.(MEMORY,MTLIST.(OUTPUT))	001860
	NEWTOP.(\$MEMORY\$,OUTPUT)	001870
	DUMP T'H DUMP, FOR I=1,1,1 .G. 4	001880
	NEWBOT.(MYTRAN(I),OUTPUT)	001890
	LPRINT.(OUTPUT,SCRIPT)	001900
	MTLIST.(OUTPUT)	001910
	T'H WRITE, FOR I=0,1,1 .G. 32	001920
	POPNOR W'R LISTMT.(KEY(I)) .E. O, T'0 WRITE	001930
	LPRINT.(POPTOP.(KEY(I)),SCRIPT)	001940
	T'0 POPNOR	001950
	WRITE CONTINUE	001960
	LPRINT.(MTLIST.(INPUT),SCRIPT)	001970
	EXIT.	001980
	R* * * * * SCRIPT ERROR EXIT	002200
	NOMACH(1) PRINT COMMENT \$PLEASE CONTINUE \$	002210
	T'0 START	002220
	NOMACH(2) PRINT COMMENT \$HMM \$	002230
	T'0 START	002240
	NOMACH(3) PRINT COMMENT \$GO ON , PLEASE \$	002250
	T'0 START	002260
	NOMACH(4) PRINT COMMENT \$I SEE \$	002270
	T'0 START	002280
	VECTOR VALUES SNUMB= \$I3 * \$	002290
	E'M	
10		
9		
8		
7		
6		
5		
4		
3		
2		



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PRINT,T0109,2531,.TAPE.,100

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 ((0 IF 0) (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 ((0 YOUR 0 = LETS DISCUSS FURTHER WHY YOUR 3)) 000070
 ((0 YOUR 0 = EARLIER YOU SAID YOUR 3)) 000080
 ((0 YOUR 0 = BUT YOUR 3)) 000090
 ((0 YOUR 0 = DOES THAT HAVE ANYTHING TO DO WITH THE FACT THAT YOUR 3)) 000100
 ((NONE ((0) (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 ((0) (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 ((0 ARE YOU 0) (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
 ((0) (WHY DO YOU SAY 'AM') (I DON'T UNDERSTAND THAT))) 000240
 ((ARE = AM ((0 AM I 0)) 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
 ((0 AM 0) (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 ((0 MY 0) (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 = YCU) 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 ((0 YOU ARE 0 I 0)) 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
 ((0 YOU ARE 0) 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
 ((0 YOU CAN'T 0) (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
 ((C) (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
 (WHO, 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))
(NOBODY 2 (=EVERYONE))
(NCCNE 2 (=EVERYONE))

001220
001230
001240
001250
001260
001270

(ALWAYS 1 ((0) (CAN YOU THINK OF A SPECIFIC EXAMPLE) (WHEN)
(WHAT INCIDENT ARE YOU THINKING OF) (REALLY, ALWAYS)))
()



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DPUNCH,T0112,2949,TEST,FAP

T0112 2949

DPUNCH,T0112,2949,TPROG,FAP

T0112 2949

DELETE,T0112,2949,TEST,FAP

T0112 2949

DELETE,T0112,2949,TPROG,FAP

T0112 2949

7T0112 2949 030665 17.88 17.88 56 00.001

STAT,T0134,2533

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