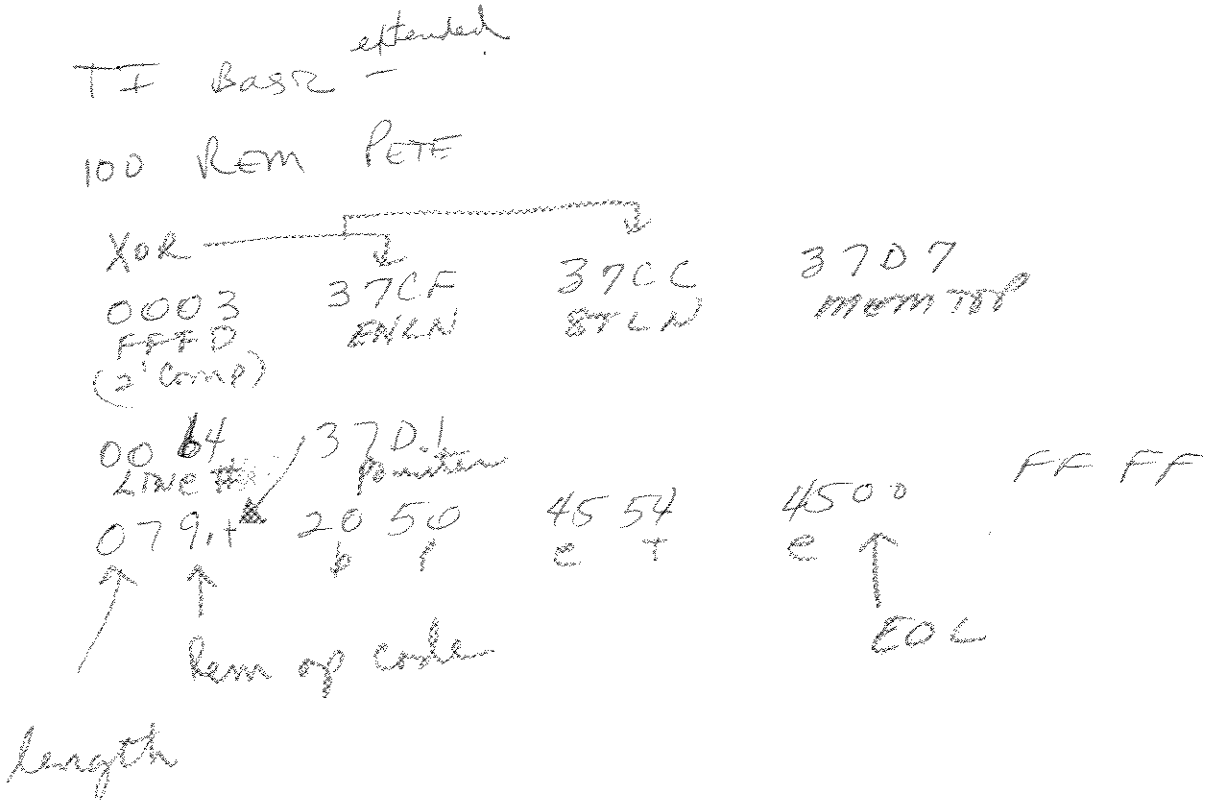
```
100 !Cassette label printing program 2/19/84 P. Jaden (99/8)
110 CALL LOAD(-31586,0,0,"",-31555,1)
120 CALL GRAPHICS(2):: CALL SCREEN(11,2):: CALL MARGINS(0,0,0,0):: INTEGER ALL
130 L,I,TC,PF=0 :: TTO=2 :: CP$="N" :: DIM G$(3):: SW=40
140 PN$="RS232.BA=4800" :: B$=A$&I$&LINE$&BLINE$&T$ :: YN$="N" :: !@P-
150 DISPLAY AT(1,1):"Cassette Label Maker V1.0"
160 DISPLAY AT(3,1):"Printer: "&PN$
170 DISPLAY AT(5,1):"Compressed Print (Y/N)? "&CP$
180 DISPLAY AT(7,1):"Number of Overprints:";TTO
190 DISPLAY AT(9,1):"Side A ";A$
200 DISPLAY AT(14,1):"Side B ";B$
210 ACCEPT AT(3,10)SIZE(-30)BEEP:PN$ :: TC=TERMCHAR
220 IF TC=15 THEN 410 ELSE IF TC=11 THEN 210
230 ACCEPT AT(5,25)SIZE(-1)VALIDATE("YNyn")BEEP:CP$ :: TC=TERMCHAR
240 IF TC=15 THEN 410 ELSE IF TC=11 THEN 210
250 I$=CHR$(27)&"O" !8 lpi
260 IF CP$="Y" OR CP$="y" THEN I=15 :: L=68 ELSE I=18 :: L=40 :: I$=I$&CHR$(27)
"E"
270 I$=I$&CHR$(I)
280 LINE$="+-+"&RPT$("-",L-4)&"+" :: BLINE$="+-+"&RPT$(" ",L-4)&"!"
290 ACCEPT AT(7,23)VALIDATE("1-9")SIZE(-2)BEEP:TTO :: TC=TERMCHAR
300 IF TC=15 THEN 410 ELSE IF TC=11 THEN 230
310 CALL GTEXT(T$,10,SW,L):: TC=TERMCHAR
320 IF TC=15 THEN 410 ELSE IF TC=11 THEN 290 ELSE A$=T$
330 CALL GTEXT(T$,15,SW,L):: TC=TERMCHAR
340 IF TC=15 THEN 410 ELSE IF TC=11 THEN 310 ELSE B$=T$
350 OPEN #1:PN$&".LF" :: PRINT #1:I$ :: PF=1
360 CALL PTEXT(LINE$,TTO)
370 T$="!A! "&A$ :: GOSUB 510
380 CALL PTEXT(BLINE$,TTO)
390 T$="!B! "&B$ :: GOSUB 510
400 CALL PTEXT(LINE$,TTO)
410 DISPLAY AT(24,1)BEEP:"Form Feed Printer (Y/N)? N"
420 ACCEPT AT(24,26)VALIDATE("YNyn")SIZE(-1)BEEP:YN$ :: DISPLAY AT(24,1):
430 T$=CHR$(18)&CHR$(27)&"2"&CHR$(27)&"H"&CHR$(27)&"F"
440 IF YN$="Y" OR YN$="y" THEN I=12 ELSE I=10
450 IF PF=0 THEN OPEN #1:PN$&".LF"
460 PRINT #1:T$
470 IF TC<>15 THEN PRINT #1:CHR$(I)
480 CLOSE #1 :: PF=0
490 IF TC=15 OR TERMCHAR=15 THEN 500 ELSE 230
500 RUN "DSK1.LOAD"
510 T$=T$&"!" :: CALL PTEXT(T$,TTO):: RETURN
520 !@P+
530 SUB GTEXT(T$,R,SW,L)
540 G$(2)="" :: G$(3)="" :: T$="" :: I=1 :: T=L-6
550 ACCEPT AT(R,1)SIZE(-T)BEEP:G$(I):: TC=TERMCHAR
560 IF TC=15 THEN 610 ELSE IF TC<>11 THEN 580
570 IF I=1 THEN 610 ELSE T=T+SW :: R=R-1 :: I=I-1 :: GOTO 550
580 T=T-SW :: IF T<1 THEN 590 ELSE I=I+1 :: R=R+1 :: GOTO 550
590 FOR I=1 TO 3 :: T$=T$&G$(I)&RPT$(" ",SW-LEN(G$(I))):: NEXT I
600 T$=SEG$(T$,1,L-5)
610 SUBEND
620 SUB PTEXT(T$,TTO)
630 FOR I=1 TO TTO :: PRINT #1:TAB(5);T$ :: NEXT I :: PRINT #1:CHR$(10)
640 SUBEND
```

```
100 DATA "8300","@100","$4","834A","  ","  ","  ","  ","  ","  ","  ","  "
110 DIM A$(11):: P$="RS232/2.BA=19200.PA=EVEN"
120 CALL LOAD(-31586,0,0,"",-31555,1)
130 CALL GRAPHICS(2):: CALL SCREEN(5,16):: INTEGER ALL :: CALL MARGINS(0,0,0,0)
140 DISPLAY AT(1,1):"Function Key Routine for TeleVideo 950"
150 FOR I=1 TO 11
160 READ A$(I)
170 DISPLAY AT(I+3,1):USING"F## = "&A$(I):I
180 NEXT I
190 DISPLAY AT(17,1):"Port= "&P$
200 FOR I=1 TO 11
210 ACCEPT AT(I+3,7)SIZE(-40):A$(I)
220 IF TERMCHAR=15 THEN 500
230 IF TERMCHAR<>11 THEN 300
240 IF I<>1 THEN I=I-1
250 GOTO 210
300 NEXT I
400 ACCEPT AT(17,7)SIZE(-40):P$
410 OPEN #1:P$
420 FOR I=1 TO 11
430 IF LEN(A$(I))<>0 THEN PRINT #1:CHR$(27)&"!"&CHR$(I+48)&"1"&A$(I)&CHR$(25)
432 IF LEN(A$(I))<>0 THEN PRINT :CHR$(38)&"!"&CHR$(I+48)&"1"&A$(I)&CHR$(37)
440 NEXT I
450 !CLOSE #1 :: GOTO 200
500 ON ERROR 1000 :: CLOSE #1 :: STOP
1000 RETURN NEXT
```

```
10 ' Program to figure out TI-99/4a Extended basic memory image format
20 CLS: DEFINT A-Z
30 DATA &H00,&H03,&H37,&HCF,&H37,&HCC,&H37,&HD7,&H00,&H64,&H37,&HD1,&H07,&H9A
40 DATA &H20,&H50,&H45,&H54,&H45,&H00,&HFF,&HFF,&HFF,&HFF,&HFF,&HFF,&HFF,&HFF
50 DATA &HFF
60 A=0: B#=0!: T#=0!: F=0: READ X: READ X:
70 READ X: IF X=&HFF THEN 130
80 PRINT HEX$(X); " ";
90 A=A+X
100 IF F=0 THEN T#=X: F=1: GOTO 120
110 B#=B#+((T#*256)+X): F=0
120 GOTO 70
130 PRINT
140 PRINT "A="+HEX$(A)
150 T#=B#
160 IF T#>65536! THEN T#=T#-65536!: GOTO 160
170 PRINT "B=";B#;" ";HEX$(T#)
180 PRINT: PRINT: LIST
```



```
L...+..T.I..T.+....2....+T...3..T.+....T....+....T....+....T....+....7....+....R
        LI    R1,>A002      >A002
        LI    R3,>8332
        MOV   *R1,*R3+      etln=8332
        MOV   *R1+,*R3      basic start pointer 8334
        DECT  *R3           subtract 2 form 8334
        DEC   *R3           subtract 1 form 8334
        MOV   *R1+,R0       stln
        MOV   R0,@>8330     8330
        MOV   *R1+,R2       memtop
        MOV   R2,@MEMTOP    top of memory
        S     R0,R2         length
        INC   R2
        BLWP  @VMBW$        copy basic program to vdp
        LI    R3,>8800
        MOVB  R3,@>8373     setup stack
        LI    R3,>6FB
        MOV   R3,@>836E     stack base
        MOV   R3,@>8324     permanent pointer
        LI    R3,>0001
        MOVB  R3,@>8384     grom flag
        SWPB  R3
        MOVB  R3,@>8344     program mode
*       BLWP  @FILL$D       disallow program continuence
 1PgDwn2PgUp3BegF14EndF1 5DelLn6DelE17Undln8Split 9InsLn10InsMdl1Join12Block

L...+..T.I..T.+....2....+T...3..T.+....T....+....T....+....T....+....7....+....
*       DATA >3EC
*       DATA 0
*       DATA 2
*
        BLWP  @VOFF$        turn off tube
        BLWP  @VMRW$D       init vdp regs
        DATA  BASVR
*
        BLWP  @GMBR$D       read word
        DATA  CHAR2         grom (indirect address)
        DATA  CHR2D
        DATA  2
        BLWP  @GVM$D        move grom ---> vdp
        DATA  >400          vdp
CHR2D   DATA  0             grom
        DATA  -96           96 sets
        BLWP  @FILL$D
        DATA  >30F
        DATA  >1717
        DATA  17
        BLWP  @FILL$D       screen image
        DATA  0
        DATA  >8060
 1PgDwn2PgUp3BegF14EndF1 5DelLn6DelE17Undln8Split 9InsLn10InsMd11Join12Block
```