

10 TEST OF HALF DUPLEX

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10 REM TEST OF BASIC

20 END

LIST

DDIR

LIST

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9000 REM PROGRAM TO SEND PAGE OF DATA TO DECWRITER AT 300 BAUD
9001 PLOT 27:PLOT18:PLOT 3: REM THIS SETS 300 BAUD AUTOMATICALLY
9002 POKE-29249,255: POKE-29250,0: REM LOC 8DBE & 8DBF
9003 READ X: IF X<>256 THEN OUT 6,X: GOTO 9003
9005 M=-32768 : REM THIS IS 8000H --FIRST LOC OF SCREEN
9010 A=PEEK(M): B= PEEK(M+1)
9015 IF A=255 AND B=0 THEN GOSUB 9100
9016 IF B>127 THEN OUT 6,A: GOTO 9030
9020 OUT 6,6: OUT 6,B: OUT 6,A
9030 M=M+2
9035 Z=Z+1 : IF Z< 80 THEN 9010
9036 IF Z=80 THEN OUT 6,13
9037 OUT 6,10
9038 OUT 6,10
9040 OUT 6,10: Z=0
9045 OUT 6,13: Z=0: GOTO 9010
9090 DATA 255,12,15,30,16,29,18,12,256
9100 OUT 6,255: OUT 6,8
9200 REM FF00 HEX IS 65280 DECIMAL
RBN DY
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LIST

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9000 REM PROGRAM TO SEND PAGE OF DATA TO DECWRITER AT 300 BAUD
9001 PLOT 27:PLOT18:PLOT 3: REM THIS SETS 300 BAUD AUTOMATICALLY
9002 POKE-29249,255: POKE-29250,0: REM LOC 8DBE & 8DBF
9003 READ X: IF X<>256 THEN OUT 6,X: GOTO 9003
9005 M=-32768 : REM THIS IS 8000H --FIRST LOC OF SCREEN
9010 A=PEEK(M): B= PEEK(M+1)
9015 IF A=255 AND B=0 THEN GOSUB 9100
9016 IF B>127 THEN OUT 6,A: GOTO 9030
9020 OUT 6,6: OUT 6,B: OUT 6,A
9030 M=M+2
9035 Z=Z+1 : IF Z< 80 THEN 9010
9036 IF Z=80 THEN OUT 6,13
9037 OUT 6,10
9038 OUT 6,10
9040 OUT 6,10: Z=0
9045 OUT 6,13: Z=0: GOTO 9010
9090 DATA 255,12,15,30,16,29,18,12,256
9100 PLOT 27:PLOT 31 :REM ESC TO CRT MODE
```

9200 REM FF00 HEX IS 65280 DECIMAL
READY
RUN

```
9000 REM PROGRAM TO SEND PAGE OF DATA TO DECWRITER AT 300 BAUD
9001 PLOT 27:PLOT18:PLOT 3: REM THIS SETS 300 BAUD AUTOMATICALLY
9002 POKE-29249,255: POKE-29250,0: REM LOC 8DBE & 8DBF
9003 READ X: IF X<>256 THEN OUT 6,X: GOTO 9003
9005 M=-32768 : REM THIS IS 8000H --FIRST LOC OF SCREEN
9010 A=PEEK(M): B= PEEK(M+1)
9015 IF A=255 AND B=0 THEN GOSUB 9100
9016 IF B>127 THEN OUT 6,A: GOTO 9030
9020 OUT 6,6: OUT 6,B: OUT 6,A
9030 M=M+2
9035 Z=Z+1 : IF Z< 80 THEN 9010
9036 IF Z=80 THEN OUT 6,13 : REM THIS IS A CARRIAGE RETURN
9037 OUT 6,10 : REM THIS IS A LINE FEED
9038 OUT 6,10
9040 OUT 6,10: Z=0
9045 OUT 6,13: Z=0: GOTO 9010
9090 DATA 255,12,15,30,16,29,18,12,256
9100 FOR Y=0 TO 255
9110 OUT 6,Y
9115 IF Y=80 THEN 9118
9118 OUT 6,13:OUT 6,10:OUT 6,10:OUT 6,10
9120 NEXT Y
9200 REM FF00 HEX IS 65280 DECIMAL
READY
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RUN

LIST

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10 REM TEST OF LINE PRINTER
9000 REM PROGRAM TO SEND PAGE OF DATA TO DECWRITER AT 300 BAUD
9001 PLOT 27:PLOT18:PLOT 3: REM THIS SETS 300 BAUD AUTOMATICALLY
9002 POKE-29249,255: POKE-29250,0: REM LOC 8DBE & 8DBF
9003 READ X: IF X<>256 THEN OUT 6,X: GOTO 9003
9005 M=-32768 : REM THIS IS 8000H --FIRST LOC OF SCREEN
9010 A=PEEK(M): B= PEEK(M+1)
9015 IF A=255 AND B=0 THEN GOSUB 9100
9016 IF B>127 THEN OUT 6,A: GOTO 9030
9020 OUT 6,6: OUT 6,B: OUT 6,A
9030 M=M+2
9035 Z=Z+1 : IF Z< 80 THEN 9010
9036 IF Z=80 THEN OUT 6,13 : REM THIS IS A CARRIAGE RETURN
9037 OUT 6,10 : REM THIS IS A LINE FEED
9038 OUT 6,10
9040 OUT 6,10: Z=0
9045 OUT 6,13: Z=0: GOTO 9010
9090 DATA 255,12,15,30,16,29,18,12,256
9100 OUT 6,4
9200 REM FF00 HEX IS 65280 DECIMAL
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RUN

300 BAUD
OMATICALLY

LIST

EN

TURN

9116 GOTO 9120

300 BAUD
OMATICALLY

EN

TURN

READY

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98827

E-Z-READ

141-A Linc Business Forms, Inc.

ADECLA-36

DEC LA-36 TEST OF

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ASDFGHJK

SN ERRORDDIR
READY

RUN 9000

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9000 REM PROGRAM FOR DECWRITER ---- REM TO SET BAUD RATE-----
9001 PLOT 27:PLOT18:PLOT3
9002 POKE-25089,255: POKE-25090,00: REM 9DFF & 9E00
9003 READ X: IF X<>256 THEN OUT 6,X: GOTO 9003
9005 M=-32768 : REM THIS IS 8000H --FIRST LOC OF SCREEN
9010 A=PEEK(M): B= PEEK(M+1)
9015 IF A=255 AND B=0 THEN GOSUB 9100
9016 IF B>127 THEN OUT 6,A: GOTO 9030
9020 OUT 6,6: OUT 6,B: OUT 6,A
9030 M=M+2
9035 Z=Z+1 : IF Z< 80 THEN 9010
9036 IF Z=80 THEN OUT 6,13
9037 OUT 6,10
9038 OUT 6,10
9040 OUT 6,10: Z=0
9045 OUT 6,13: Z=0: GOTO 9010
9090 DATA 255,12,15,30,16,29,18,12,256
9100 OUT 6,255: OUT 6,8
9200 REM FF00 HEX IS 65280 DECIMAL
READY
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RUN 45

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LIST

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5 PRINT:PRINT
10 DIM Y(24)
30 FOR I=0 TO 24
40 LET Y(I)=(2^(1/12))^I
41 LET F=55*Y(I)
46 IF F<220 THEN G=(INT(100*F+.5))/100 ***** PROGRAM
```

PRINTS VALUES ***** PROGRAM "EQLTPR" PRINTS TABLE ***
EQUALTEMPERED SCALE A-440 REF

COMPUCOLOR BASIC 8001

***** COMPUCOLOR BASIC PROGRAM "EQLTPR" *****
PRINTS TABLE OF PITCHES FOR EQUAL-

TEMPERED SCALE. REF: A-440

LIST

```
5 PRINT:PRINT
10 DIM Y(24)
30 FOR I=0 TO 24
40 LET Y(I)=(2^(1/12))^I
41 LET F=55*Y(I)
```

```

46 IF F<220 THEN G=(INT(100*F+.5))/100
47 IF F=>100 THEN G=(INT(10*F+.5))/10
50 LET G1=4*F
55 LET G1=INT(400*F+.5)/100
56 IF G1=>1000 THEN G1=INT(G1+.5)
57 IF G1=>220 THEN G1=INT(10*G1+.5)/10
60 LET G2=16*F
61 IF G2=>880 THEN G2=INT(10*G2+.5)/10
62 IF G2=>1000 THEN G2=INT(G2+.5)
70 LET A$="A A#B C C#D D#E F F#G G#A A#B C C#D D#E F F#G G#A"
75 LET J=1+2*I
80 LET B$=MID$(A$,J,2)
85 LET G4=INT(4*G2)
86 LET Y(I)=INT(10000*Y(I)+.5)/10000
90 PRINT I,B$,G,G1,G2,G4,Y(I)
100 NEXT I
200 END
READY

```

READY

LOAD?"DECWRI":RUN 9000

: ,90900N

D'DCRBSW)NFBQZYMFM#QCK#P9Q0&Q9NK2[99%B
2DCRBSW) DCR

!
!
#"

```

#B#C#D#E#F#G#H#I#J#K#L#M#N#O#P#Q#R#S#T#U#V#W#X#Y#Z#0#1#2#3#4#5#6#7#8#9#
# ,5 , 10t8 X2+5 ,90!#,378 HSI 00 -IS 0 FSRE!#,M() ,=M1!
B17!6A 00<66 ,:6AFMM21KZZ1:
Z 0!91"# ,0!61"# ,0CN61"#

```

,:0 , "# ,3!

READY

LOAD?"EQLTPR":RUN

0	A	55	220	880	3520	1
1	A#	58.27	233.1	932.3	3729	1.0595
2	B	61.74	246.9	987.8	3951	1.1225
3	C	65.41	261.6	1047	4188	1.1892
4	C#	69.3	277.2	1109	4436	1.2599
5	D	73.42	293.7	1175	4700	1.3348
6	D#	77.78	311.1	1245	4980	1.4142
7	E	82.41	329.6	1319	5276	1.4983
8	F	87.31	349.2	1397	5588	1.5874
9	F#	92.5	370	1480	5920	1.6818
10	G	98	392	1568	6272	1.7818
11	G#	103.8	415.3	1661	6644	1.8877

12	A	110	440	1760	7040	2
13	A#	116.5	466.2	1865	7460	2.1189
14	B	123.5	493.9	1976	7904	2.2449
15	C	130.8	523.3	2093	8372	2.3784
16	C#	138.6	554.4	2218	8872	2.5198
17	D	146.8	587.3	2349	9396	2.6697
18	D#	155.6	622.3	2489	9956	2.8284
19	E	164.8	659.3	2637	10548	2.9966
20	F	174.6	698.5	2794	11176	3.1748
21	F#	185	740	2960	11840	3.3636
22	G	196	784	3136	12544	3.5636
23	G#	207.7	830.6	3322	13288	3.7755
24	A	220	880	3520	14080	4

READY

READY

LOAD?"DECWRI":RUN 9000

PASDFGHJKL

asdfsasASDFGHJK

YOU ARE NOW IN THE 8001 CRT MODE

INTECOLOR 8001 CPU OPERATING SYSTEM V11.77

.D0000,00FF

```

0000 C3 F9 03 C3 C4 11 00 FF C3 BD 9E C3 B5 11 0D B0
0010 C3 D3 11 C9 2E 17 C0 08 C3 DB 11 F4 C3 C3 FF 9F
0020 C3 B3 11 00 00 00 FF FF C3 E4 12 C3 17 14 82 C0
0030 C3 67 13 C9 00 00 AA 9E C3 00 10 4D 44 30 FE 9F
0040 33 00 33 00 DE 16 8F 12 80 06 AE 06 8F 12 59 13
0050 A1 10 E9 10 F5 10 7F 13 68 10 A5 10 1D 11 79 11
0060 2E 13 ED 10 25 11 8F 12 2B 11 6E 11 6D 11 72 11
0070 8F 12 8F 12 83 12 CF 13 E0 7D E4 01 D4 12 00 C8
0080 D2 12 00 B0 0D 13 01 13 D5 12 00 50 06 50 2D 01
0090 00 01 8F 12 8F 12 00 A0 00 60 77 14 B0 14 E1 01
00A0 FF 12 8F 12 1B 13 33 00 14 13 8F 12 BA 9E 00 70
00B0 DF 12 D9 12 9D 13 A6 13 C3 9E C3 9E C3 9E C5 13
00C0 62 12 42 12 03 16 91 12 48 17 A5 12 87 12 B0 12
00D0 BD 12 8B 12 C3 9E C3 9E C3 9E 11 7E C3 9E C3 9E
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00F0 C3 9E 43 10 C3 9E 43 10 C3 9E 43 10 C3 9E 43 10

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TIBUG REV.A

?M 3C00

3C00=0000

?M 3C00,3CFE

3C00=0000	0000	0004	0000	0008	0000	0008	0000
3C10=0804	4802	4000	0008	D834	1844	4410	808C
3C20=0200	0001	0100	0000	0000	0000	0801	0000
3C30=6182	8002	9280	0398	9210	00D8	9307	4809
3C40=0000	0008	0800	080C	0800	0000	0808	0008
3C50=0C20	0C4C	481C	481C	5C08	8894	0040	0C0C
3C60=0200	0003	0000	0002	0000	0000	0000	0000
3C70=0110	1320	1321	0103	0101	0271	0143	0005
3C80=0408	0000	0804	0004	0000	0800	0400	0008
3C90=000C	C904	4850	0C2C	0C05	4084	0020	080C
3CA0=0300	0000	0300	0102	0000	0002	0000	0300
3CB0=01C3	9212	0170	0340	CBA2	1241	4142	502C
3CC0=0400	0004	0000	0404	0000	0800	0808	040C
3CD0=0004	0C00	082C	000C	8008	1C04	0CB4	24A0
3CE0=0000	0000	0000	0002	0003	0002	0000	0100
3CF0=0203	0010	1001	2300	8132	0300	0053	1200

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AAAAAAAA

TIBUG REV.A

?M M

ERROR 2

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ERROR 4

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ERROR 4

?M 3F00,3F0F

3F00=4000	0000	0080	0400	0000	0008	0008	0000
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?R

W=FFFF

F=006B 09E8

S=DE0F

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