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2420 IF ve(wnoX,x,3)>255 THEN ve(wnoX,x,3)=255
2430 IF ve(wnoX,x,3)<0 THEN ve(wnoX,x,3)=0
2440 NEXT x
2450 GOTO 1810
2460 CLS
2470 REM *****
2480 REM *** PRINT OUT INSTRUCTIONS ***
2490 REM *****
2500 CLS:PN 2:PRINT "PRESS ":PN 1:PRINT"EQ3":PN 2
1:PRINT"FOR NOISE USE KEYS Z X C V B N":
2510 PRINT"KEYS ":PN 1:PRINT"1" TO 9":PN 2:PRINT" F
OR ENVELOPE AND TONE NUMBER":
2520 PRINT" PRESS ":PN 1:PRINT"R3":PN 2:PRINT"R
ETURN ":PN 1:PRINT"EQ3":PN 2:PRINT"VOLUME ":PN
1:PRINT"EQ3":PN 2:PRINT"3"
T="TONE":
2530 PN 1:PRINT" [+]:PN 2:PRINT" TO ADD REPEAT "1:
PN 1:PRINT" [-]:PN 2:PRINT" TO REMOVE REPEAT":
2540 PN 1:PRINT" USE ":PN 1:PRINT CHR$(240):PN 2:PRINT
and " ":PN 1:PRINT CHR$(241):PN 2:PRINT" TO INC. AN
D DEC. FREQUENCY":
2550 PN 1:PRINT:PRINT:PRINT"EQ3":PN 2:PRINT" TO REP
EAT SOUND ":PN 1:PRINT"EQ3":PN 2:PRINT" TO CANCEL
REPEAT":
2560 PRINT" USE ":PN 1:PRINT CHR$(242):PN 2:PRINT
TO INCREASE AND " ":PN 1:PRINT CHR$(243):PN 2:PRINT
T" TO DECREASE"
2570 PRINT" SPEED OF REPEAT"
2580 LOCATE 11,11:PRINT"PRESS ":PN 1:PRINT"EQ3":PN
2:PRINT"FOR NOTES"
2590 LOCATE 17,13:PRINT"Z = C":LOCATE 17,14:PRINT"B =
C#":
2600 LOCATE 17,15:PRINT"X = D":LOCATE 17,16:PRINT"B =
D#":
2610 LOCATE 17,17:PRINT"C = E":LOCATE 17,18:PRINT"V =
F":
2620 LOCATE 17,19:PRINT"G = F#":LOCATE 17,20:PRINT"B =
G#":
2630 LOCATE 17,21:PRINT"H = G#":LOCATE 17,22:PRINT"N =
A":
2640 LOCATE 17,23:PRINT"J = A#":LOCATE 17,24:PRINT"H =
B":
2650 LOCATE 29,23:PRINT"TONE"
2660 GOSUB 3710:PRINT"LOCATE 27,25:PRINT"No Repeat"
2670 GOSUB 3490
2680 bl=7902,13:bl=7458,62:bl=7040:bl=644,675:bl=62
71,927:bl=5919,911
2690 fl=587,652:fl=5274,04:fl=4970,032:fl=4690,636:c
24434,922:cl=4186,009
2700 n1=n1+n2*2:n1=n1+n2*4:n1=n1+n2*5:n1=n1+n2*6
2710 GOTO 2770
2720 GOSUB 3820
2730 IF sonda=1 THEN LOCATE 1,23:PRINT"OCTAVE":9-oc-4:
2740 IF sonda=2 THEN LOCATE 1,23:PRINT"Noise":nos=1
2750 GOSUB 3430
2760 REM *****
2770 REM *** KEY INUT *****
2780 REM *****
2790 as=INKEY:IF as="" THEN 2790
2800 IF sonda=1 AND as=CHR$(241) THEN m1=mul+2:oc=oc-1
2810 IF sonda=2 AND as=CHR$(242) THEN m1=n1-n1*5
2820 IF sonda=1 AND as=CHR$(243) THEN mul=mul+2:oc=oc-1
2830 IF sonda=2 AND as=CHR$(244) THEN mul=mul+2:oc=oc-1
2840 IF mul<0.5 THEN PRINT CHR$(7):mul=mul+5:oc=1
2850 IF mul>120 THEN PRINT CHR$(7):mul=mul+20:oc=9
2860 IF m1<0 THEN PRINT CHR$(7):m1=0
2870 IF m1>25 THEN PRINT CHR$(7):m1=25
2880 IF sonda=1 AND as="e" THEN freq=bl/mul:GOTO 3270
2890 IF sonda=1 AND as="j" THEN freq=bl/mul:GOTO 3270
2900 IF sonda=1 AND as="n" THEN freq=bl/mul:GOTO 3270

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2910 IF sonda=2 AND as="n" THEN nos=n1+1:GOTO 3320
2920 IF sonda=1 AND as="b" THEN freq=2/mul:GOTO 3270
2930 IF sonda=1 AND as="b" THEN freq=1/mul:GOTO 3270
2940 IF sonda=1 AND as="b" THEN nos=n1+1:GOTO 3320
2950 IF sonda=1 AND as="g" THEN freq=2/mul:GOTO 3270
2960 IF sonda=1 AND as="g" THEN freq=1/mul:GOTO 3270
2970 IF sonda=1 AND as="j" THEN nos=n1+1:GOTO 3320
2980 IF sonda=1 AND as="j" THEN freq=1/mul:GOTO 3270
2990 IF sonda=2 AND as="c" THEN nos=n1+1:GOTO 3320
3000 IF sonda=1 AND as="d" THEN freq=2/mul:GOTO 3270
3010 IF sonda=1 AND as="e" THEN freq=1/mul:GOTO 3270
3020 IF sonda=2 AND as="e" THEN nos=n1+1:GOTO 3320
3030 IF sonda=1 AND as="e" THEN freq=2/mul:GOTO 3270
3040 IF sonda=1 AND as="j" THEN freq=1/mul:GOTO 3270
3050 IF sonda=2 AND as="j" THEN nos=n1+1:GOTO 3320
3060 IF as="o" THEN sonda=2:LOCATE 1,17:PRINT"
LOCATE 1,19:PRINT" "GOSUB 3370:
GOTO 2750
3070 IF as="o" THEN sonda=1:LOCATE 1,17:PRINT"
GOSUB 3370:GOTO 2750
3080 IF as="e" THEN en1=1:GOTO 860
3090 IF as="t" THEN en2=2:GOTO 860
3100 IF as="r" THEN 520
3110 IF as="r" THEN rpt=1:LOCATE 27,25:PRINT"Repeat on
GOSUB 3490
3120 IF as="q" THEN GOSUB 3990
3130 IF as="i" THEN rpt=1:LOCATE 27,25:PRINT"No Repeat"
1800B 3490
3140 IF as="1" THEN wnoX=1:GOSUB 3490
3150 IF as="2" THEN wnoX=2:GOSUB 3490
3160 IF as="3" THEN wnoX=3:GOSUB 3490
3170 IF as="4" THEN wnoX=4:GOSUB 3490
3180 IF as="5" THEN wnoX=5:GOSUB 3490
3190 IF as="6" THEN wnoX=6:GOSUB 3490
3200 IF as="7" THEN wnoX=7:GOSUB 3490
3210 IF as="8" THEN wnoX=8:GOSUB 3490
3220 IF as="9" THEN wnoX=9:GOSUB 3490
3230 GOTO 2750
3240 REM *****
3250 REM *** DECIDE WHICH CHANNEL ***
3260 REM *****
3270 tone=ROUND(125000/freq)
3280 IF sonda=1 THEN SOUND wnoX,tone,volume,0,1,1
3290 IF enno1=1 THEN enno1=2:GOSUB 3370:GOTO 2750
3300 IF enno2=2 THEN enno2=1:GOSUB 3370:GOTO 2750
3310 IF enno3=4 THEN enno3=1:GOSUB 3370:GOTO 2750
3320 IF sonda=2 THEN SOUND 1,0,volume,0,1,1,nos
3330 GOSUB 3370:GOTO 2750
3340 REM *****
3350 REM *** PRINT FREQ. NOISE ETC. ***
3360 REM *****
3370 IF freq<15804.266 THEN freq=15804.266
3380 IF freq<32.703 THEN freq=32.703
3390 IF sonda=1 THEN LOCATE 1,17:PRINT"PERIOD ="ROUND
(125000/freq):PRINT" "
3400 IF sonda=2 THEN LOCATE 1,23:PRINT"Noise":nos=1
1
3410 IF sonda=1 THEN LOCATE 1,19:PRINT"FREQ=":PRINT U
NINE"EEEE.EE":freq
3420 IF sonda=2 THEN LOCATE 1,19:PRINT"
3430 IF sonda=2 THEN LOCATE 1,17:PRINT"RANGE":n1=n1+1
%1:to=n1%100
3440 IF sonda=1 THEN LOCATE 1,23:PRINT"OCTAVE":9-oc-3
3450 RETURN
3460 REM *****
3470 REM *** DECIDE WHICH TONE ***
3480 REM *****
3490 IF en1=1 THEN GOSUB 2000
3500 IF en2=2 THEN GOSUB 2190
3510 FOR x=1 TO 5:FOR y=1 TO 3
3520 t1=te(wnoX,x,y):t2=ttt+te(wnoX,x,y):NEXT
3530 IF t1=t2 THEN x=x%1-1:GOTO 3550
3540 NEXT x:y=y%1-1
3550 IF x%0 THEN 3660
3560 ON x GOTO 3570,3590,3610,3630,3650

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3570 ENT rpt,te(wnoX,1,1),te(wnoX,1,2),te(wnoX,1,3)
3580 GOTO 3670
3590 ENT rpt,te(wnoX,1,1),te(wnoX,1,2),te(wnoX,1,3),te
(wnoX,2,1),te(wnoX,2,2),te(wnoX,2,3)
3600 GOTO 3670
3610 ENT rpt,te(wnoX,1,1),te(wnoX,1,2),te(wnoX,1,3),te
(wnoX,2,1),te(wnoX,2,2),te(wnoX,2,3),te(wnoX,3,1),te(w
noX,3,2),te(wnoX,3,3)
3620 GOTO 3670
3630 ENT rpt,te(wnoX,1,1),te(wnoX,1,2),te(wnoX,1,3),te
(wnoX,2,1),te(wnoX,2,2),te(wnoX,2,3),te(wnoX,3,1),te(w
noX,3,2),te(wnoX,3,3)
3640 ENT rpt,te(wnoX,4,1),te(wnoX,4,2),te(wnoX,4,3)
3650 ENT rpt,te(wnoX,1,1),te(wnoX,1,2),te(wnoX,1,3),te
(wnoX,2,1),te(wnoX,2,2),te(wnoX,2,3),te(wnoX,3,1),te(w
noX,3,2),te(wnoX,3,3)
3660 ENT rpt,te(wnoX,4,1),te(wnoX,4,2),te(wnoX,4,3)
3670 ENV 1,ve(wnoX,0,0),ve(wnoX,0,0),ve(wnoX,0,0),ve(w
noX,2,1),ve(wnoX,2,2),ve(wnoX,2,3),ve(wnoX,3,1),ve(wno
X,3,2),ve(wnoX,3,3),ve(wnoX,4,1),ve(wnoX,4,2),ve(wnoX
,4,3),ve(wnoX,5,1),ve(wnoX,5,2),ve(wnoX,5,3)
3680 REM *****
3690 REM *** PRINT TITLE ***
3700 REM *****
3710 l1=LEN(title$(wnoX)):IF l1>11 THEN l1=11
3720 FOR i1=1 TO l1
3730 se=mid$(title$(wnoX),i1,l1)
3740 IF se=CHR$(45) THEN 3760
3750 NEXT
3760 te=LEFT$(title$(wnoX),l1-1)
3770 LOCATE 1,15:PRINT"
3780 LOCATE 1,13:PRINT"
3790 PEN 1
3800 LOCATE 1,13:PRINT t$
3810 PEN 2:LOCATE 1,15:PRINT"Note Len":volume/100:PEN
1
3820 REM *****
3830 REM *** Find high/low ***
3840 REM *****
3850 totX=0:ioX=ioX+0
3860 FOR freq1=1 TO 5
3870 checkX=te(wnoX,freq1):te(wnoX,freq1,2)
3880 totX=totX+checkX
3890 IF ioX>totX THEN ioX=totX
3900 IF ioX>totX THEN ioX=totX
3910 NEXT freq1
3920 PEN 2:LOCATE 1,21:PRINT"plus":ABS(ioX):" "
3930 LOCATE 1,25:PRINT"minus":ioX:":
3940 PEN 1
3950 RETURN
3960 REM *****
3970 REM *** REPEAT NOTE ***
3980 REM *****
3990 LOCATE 24,16:PRINT"SPEED OF REPEAT"
4000 rpt=volume
4010 t1=INT(TIME/3)
4020 t2=INT(TIME/3)
4030 t3=INT(TIME/3)
4040 LOCATE 28,18:PRINT rpt/100
4050 as=INKEY
4060 IF t1=t2 THEN 4110
4070 IF as="w" THEN LOCATE 24,16:PRINT"
LOCATE 28,18:PRINT" :RETURN
4080 IF as=CHR$(242) THEN rpt=rpt+1
4090 IF as=CHR$(243) THEN rpt=rpt+1
4100 GOTO 4030
4110 IF sonda=1 THEN SOUND 1,tone,rpt,0,1,1
4120 IF sonda=2 THEN SOUND 1,0,rpt,0,1,1,nos
4130 GOTO 4010

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