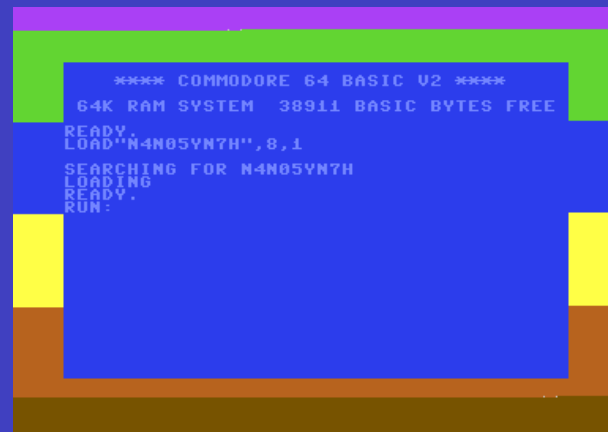


N4N05YN7H



base64 -i text.txt -o n4n05yn7h.prg

254-Byte Nanotool by Aleksi Eben for the 1-Block Competition at Zoo 2024

1. Play a dual oscillator monophonic SID synthesizer over 6 octaves!

2.

2	3	5	6	7	9	0	-				
Q	W	E	R	T	Y	U	I	O	P	C	*

S	D	G	H	J	L	B			
Z	X	C	V	B	N	M	,	.	/

3. Hold Shift or press Shift Lock down to play an octave higher. Hold C= to play two octaves or CTRL to play four octaves higher

4. There's only one sound: Osc 1 plays PWM and Osc 2 plays a lightly detuned sawtooth. Osc 3 is muted and used as a source for filter modulation

```
0 N$="N4N05YN7H":DEFFNA(A)=(A<58)*-(A-48)+(A>64)*-(A-55):L=10:M=49152
1 C=0:READA$,D:PRINTCHR$(147)"LINE"L:IFA$=""THEN5
2 FORA=1TOLEN(A$)STEP2:B=FNA(ASC(MID$(A$,A,1)))*16+FNA(ASC(MID$(A$,A+1,1)))
3 POKEM,B:M=M+1:C=C+B:NEXT:IFC<>DTHENPRINT"ERROR":END
4 L=L+1:GOTO1
5 PRINT"OK":OPEN1,8,1,N$:FORA=49152TOM-1:PRINT#1,CHR$(PEEK(A));:NEXT:CLOSE1
6 PRINTCHR$(17)CHR$(17)"FORA=0T0251:POKE2049+A,PEEK(49154+A):NEXT:RUN";
7 FORA=1T03:PRINTCHR$(145);:NEXT
10 DATA 01080B08FE009E3230353900A000A200BDB9089900D4E8C8E007D0F4C01CD0EE,3498
11 DATA 78A9188D05DCA9328D1403A9088D150358D0FEAD1CD44A8D16D4E604A5041004,3239
12 DATA 497FE97FA2044A6603CAD0FA8D03D4A50329F08D02D4A5C5C940D004A940D04D,4082
13 DATA A024D9C008F0058810F830F0EE20D098C9119002E905AE8D02C90C9006E838E9,3979
14 DATA 0C10F60AA8B9E5088502B9E608E000F00606022ACAD0FA488D01D4A5028D00D4,3558
15 DATA 69188D07D46869008D08D4A9418D04D44A69008D0BD48D12D44C31EA839F000B,3224
16 DATA 690C0D1712141F1A1C1D272224F2A2C2D373E3B09080E1110161319181E2120,1017
17 DATA 2623292E2B312D024F0271029702BE02E802140343037403A903E1031C04,1718
18 DATA "",0
```