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100 ' DATA Input Program
110 ' by MANTIS 87. (SuperBug!)
120 ' The Amstrad User, August 1988.
130 '
140 KEY 138,"":KEY 140,"mode 2:ink 0,0:ink 1,13:border
0:paper 0:pen 1:1st+CHR$(13)
150 ' Mantis symbol (254,255)
160 FOR x=0A6EC TO 0A6FB:READ a$:POKE x,VAL("%"+a$):NEX
T
170 DATA 80,80,FF,7F,05,09,12,24,77,1C,88,C8,40,7E,01,3
E
180 ' Instructions
190 MODE 1:INK 0,0:INK 1,13:BORDER 0:PAPER 0:PEN 1:CLEA
R
200 PRINT TAB(11);CHR$(254);CHR$(255);" MANTIS DATA INP
UT":PRINT
210 PRINT" This program allows you to type in datastate
ments from a magazine listing and save it as 'DATA.DAT
'. The file can be merged with your own programs to re
ad the data in."
220 PRINT"Start off by answering the questions, then
type in the data. Line numbers are incremented by 10 pl
us 'DATA' and commas are automatically inserted. When ty
ping
230 PRINT"Hex numbers, a 'E' will be changed to '0E'
to keep things tidy. Pressing Enter gives you '00' (Hex)
or '0' (Dec).
240 PRINT"At the end of each line, the computer will
beep to let you know it's keeping up. The checksum will
also be printed at this stage. Press Enter for the mic
ro's choice or enter your own. (The computer should usu
ally be right)
250 PRINT"Enter '***' to finish early. (The line you a
re on will be wiped. Finish on the next line if you're
unsure.)
260 PRINT:PRINT"Press any key"
270 WHILE INKEY<>"":WEND:WHILE INKEY$="" :WEND
280 ' Enter variables
290 MODE 2:INPUT"First Line Numbers:",st:st=st-10
300 INPUT"Last Line Numbers:",Ln:Ln=(Ln-st)/10
310 DIM Ln$(dn+1),Ln2$(dn+1):dt=0
320 INPUT"How many numbers per line? (Not counting chec
ksum):",nn
330 INPUT"In (H)ex or (D)ecimal:";hd$:hd$=UPPER$(hd$)
340 IF hd$="D" THEN hx1=0 ELSE hx1=1
350 INPUT"Do you want a Checksum? (Y/N):",a$:a$=UPPER$(
a$)
360 IF a$="Y" THEN chk=1 ELSE chk=0:GOTO 390
370 INPUT"In (H)ex or (D)ecimal:";hd$:hd$=UPPER$(hd$)
380 IF hd$="D" THEN hx2=0 ELSE hx2=1
390 MODE 2:WINDOW 1,80,25,25:WINDOW#1,1,80,1,23
400 ' Input data
410 WHILE x<Ln AND a$<>"":x=x+10:tt=0:scr=0
420 PRINT#1,x;"data ";
430 Ln$(dt)=Ln$(dt)+STR$(z)+" data "
440 FOR y=1 TO na
450 INPUT"DATA",a$:IF hx1=0 THEN 470
460 IF a$="" THEN a$="00" ELSE IF LEN(a$)<2 THEN a$="0"
+a$

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470 a$=UPPER$(a$):IF a$="" THEN a$="0" ELSE IF a$="***"
THEN y=nn+1:dn=dt-1:Ln$(dt)="" :GOTO 500
480 PRINT#1,a$,"":IF chk=0 THEN 500
490 IF hx1=1 THEN tt=tt+VAL("%"+a$) ELSE IF hx1=0 THEN
tt=tt+VAL(a$)
500 Ln$(dt)=Ln$(dt)+a$,""
510 NEXT:scr=1
520 PRINT CHR$(7);IF chk=0 THEN Ln$(dt)=LEFT$(Ln$(dt),
LEN(Ln$(dt))-1):PRINT#1:GOTO 570
530 PRINT"Checksum :Dec.";tt;:Hex. &"HEX$(tt);:INPUT"
:";a$
540 IF a$="" AND hx2=1 THEN a$="" :HEX$(tt,4) ELSE IF a
$="" AND hx2=0 THEN a$=STR$(tt) ELSE a$="" :a$
550 PRINT#1,a$
560 Ln$(dt)=Ln$(dt)+a$
570 Ln2$(dt)=Ln$(dt):dt=dt+1
580 WEND
590 MODE 2:INPUT"Keep the Data "a$:IF UPPER$(LEFT$(a$,
1))="N" THEN RUN
600 INPUT"Send data to (S)creen, (P)rinter, (D)isc or
A)dd to, (C)hange data:",a$:IF a$="" THEN 590
610 a=INSTR("DPSAC",UPPER$(a$))
620 ON a GOTO 650,720,770,830,910
630 GOTO 590
640 ' Save to disc
650 OPENOUT"data.dat
660 FOR z=0 TO dn
670 PRINT#9,Ln$(z)
680 NEXT
690 CLOSEOUT
700 GOTO 590
710 ' Print data to printer
720 FOR z=0 TO dn
730 PRINT#8,Ln$(z)
740 NEXT
750 GOTO 590
760 ' Print data to screen
770 FOR z=0 TO dn
780 PRINT Ln$(z)
790 NEXT
800 WHILE INKEY$="" :WEND
810 GOTO 600
820 ' Add data
830 MODE 2:INPUT"Last line:",Ln:dn=(Ln-st)/10
840 ERASE Ln$:IF cr=0 THEN x=x-10
850 DIM Ln$(dn+1)
860 FOR z=0 TO dt:Ln$(z)=Ln2$(z):NEXT
870 ERASE Ln2$:DIM Ln2$(dn+1)
880 FOR z=0 TO dt:Ln2$(z)=Ln$(z):NEXT
890 MODE 2:WINDOW 1,80,25,25:WINDOW#1,1,80,1,23:GOTO 41
0
900 ' Find line
910 INPUT"Which line ? (Enter to abort):",wL$:IF wL$=""
THEN 590
920 FOR z=0 TO dn:IF MID$(Ln$(z),2,LEN(wL$))=wL$ THEN w
Lz=z:dn
930 NEXT
940 ' Change last line
950 MODE 2:PRINT"Use Copy Key. Enter to abort":PRINT:PR
INT Ln$(wL):PRINT
960 PRINT LEFT$(Ln$(wL),LEN(wL$)+7);
970 Ln$(wL)=LEFT$(Ln$(wL),LEN(wL$)+7)
980 LINE INPUT"",a$:IF a$="" THEN Ln$(wL)=Ln2$(wL):GOTO
590
990 Ln$(wL)=Ln$(wL)+a$
1000 CLS:PRINT Ln$(wL):PRINT:INPUT"Correct ";y$:IF UPPE
R$(y$)<>"Y" THEN Ln$(wL)=Ln2$(wL):GOTO 600
1010 Ln2$(wL)=Ln$(wL):GOTO 600

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