

Simple Database For Adam

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Adam owners, if you haven't been able to get your hands on a database program yet, here's a little goody to help you until you can.

The value of typing in this program, is that you will not only acquire a simple database program, but at the same time you may learn something new about your computer. You can modify this program to better suit your needs.

If you know anyone who has an Adam, you may want to tell them about where you got your copy so they can share in the learning experience. Yes, you could give them a copy of the tape or disk. That person would not share in the learning experience.

The beginning of the line has been indented to help you identify the start of a line. You do not indent these when you type in your program.

The "database" has built-in help prompts. To operate, simply follow the menus and/or prompts given. You do not have to count up how many letters/numbers you will put into any "field." The program is set up so this is not necessary.

While we are poking around in the Adam, be careful just what addresses you poke a value into! You will not destroy your computer, but you can wipe out several hours worth of work by accidentally rebooting, locking up

the keyboard, or any of several other dastardly deeds. Be sure that you type in all POKE addresses correctly before you try to run any program! Of course, if you PEEK into the wrong address, then you will merely get the wrong value for your variable.

```
10 POKE 17115,113.: POKE 17126, 128: HOME:
$$="Simple Data Base": POKE 23692,-1: P$="Press
number of your selection.": Q$="Press ENTER key.":
F$=" File."
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20 HOME: PRINT TAB 9:$$: FOR I%=100 TO 900
STEP 100: PRINT I%/100: ON I% GOSUB 100, 200,
300, 400, 500, 600, 700, 800, 900: NEXT I%: PRINT
"0. QUIT!": PRINT TAB 5:P$:X%=9:Y%=0: GOSUB
9998
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30 HOME: ON A% GOSUB 100, 200, 300, 400, 500,
600, 700, 800, 900: ON A% GOSUB 1100, 1200, 1300,
1400, 1500, 1600, 1700, 1800, 1900: GOTO 20
40 STOP
```

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50 HOME: PRINT AT 9,5:"Please INPUT the name":
AT 11,5:"for your file.": AT 13,5: "Maximum 9 let-
ters: ": INPUT B$: IF LEN B$>9 THEN 50
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60 D$=CHR$(4): PRINT D$:"OPEN ":A$: PRINT D$:
"READ ":A$: INPUT N: FOR I=0 TO N: INPUT
C$(I),F$(I): NEXT I: HTAB 1: PRINT D$:"CLOSE ":A$:
RETURN 1240 FOR I=1 TO N: PRINT C$(I): INPUT
F$(Z,I): IF LEFT$(F$(Z,I),1)="@ " THEN RETURN
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```
100 PRINT " Format a ";$$:F$:"":GOTO 1000
200 PRINT " Add to a ";$$:F$:"":GOTO 1000
300 PRINT " View a ";$$:F$:"":GOTO 1000
400 PRINT " Print a ";$$:F$:"":GOTO 1000
500 PRINT " LPrint a ";$$:F$:"":GOTO 1000
600 PRINT " Search a ";$$:F$:"":GOTO 1000
700 PRINT " Change a ";$$:F$:"":GOTO 1000
800 PRINT " Delete a ";$$:F$:"":GOTO 1000
900 PRINT " SAVE a ";$$:F$:" "
1000 PRINT: PRINT: RETURN
```

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1100 PRINT "You can have up to nine";AT 3.1:
"characters for file names.";AT 5.1"Examples.";AT
7.1; "Name, address, CityZip.";AT 9.1;"Phone #, Acct
# , & etc.";11.1;"Each file can have up to 32";AT
13.1;"characters in it.";at 17.1;
1110 INPUT "How many files do you want? ";N
1120 GOSUB 2300 : GOSUB 2200
1130 FOR I=1 TO N: INPUT "Category name="
:CS(I): NEXT I: PRINT QS
1140 GET XS: IF XS="" THEN 1140
1150 RETURN
1200 FOR I=1 TO N: IF F$(I,1)=F$(1) THEN Z=:
GOTO 1220
1210 NEXT I: PRINT AT 2.1;"This file is full."; AT
4.1;"Start another file.";AT 6.1;QS: INPUT US: RETURN
1220 HOME: PRINT "Your last file: ";z:1: GOSUB
3000
1230 PRINT "INPUT @ when done."
1240 FOR I=1 TO N: PRINT CS(I): INPUT F$(Z,I):
IF F$(Z,I,1)="@ THEN RETURN
1250 NEXT I: Z=Z+1: IF Z<=INT(700/N) THEN
1240
1260 PRINT "File full. Save copy.";QS
1270 GET XS: IF XS="" THEN 1270
1280 RETURN
1300 PRINT "View which ";SS:F$:"?": INPUT "#=":
Z : IF Z<1 OR Z>INT(700/N) THEN 1300
1310 HOME: PRINT Z: GOSUB 3000 : PRINT: PRINT:
PRINT QS
1320 GET XS: IF XS="" THEN 1320
1330 RETURN
1400 HOME: PRINT "First line # to ":;: IF A=4
THEN PRINT "PRINT."
1410 IF A=5 THEN PRINT "LPRINT."
1420 INPUT X: IF X<=0 OR X>INT(700/N) THEN
1420
1430 INPUT "Last line #=";y : IF Y<X OR
Y>INT(700/N) THEN 1430
1440 FOR A=X TO Y: FOR J=1 TO N
1450 IF A=5 THEN 1470
1460 PR#0: GOTO 1480
1470 PR#1
1480 PRINT A;" ";CS(J): PRINT F$(A,J)
1490 NEXT J: NEXT A: RETURN
1500 GOTO 1400
1600 GOSUB 50 : X=1: PRINT AT 11.9;
"SEARCH";AT 15.5;"Search for up to"; AT 16.5;"255
characters.";AT 18.5;"INPUT characters.": INPUT AS:
IF LEN AS>255 THEN 1600
1610 PRINT AT 11.6;: FLASH : PRINT
"SEARCHING!": NORMAL : FOR I=1 TO N:
BS=F$(X,I): NEXT I
1620 IF LEN BS< AS AND X<INT(700/N) THEN
LET X=X+1: FOR I=1 TO N: LET BS=BS+F$(X,I):
NEXT I
1630 IF LEFT$(BS,LEN AS)=AS THEN 1660
1640 BS=RIGHT$(BS,LEN BS-1): IF X<701 THEN
1620
1650 PRINT AT 11.7;"END OF SEARCH: ";AS;" not
found.";QS: INPUT US: RETURN
1660 PRINT X;: FOR I=1 TO N: PRINT " ";CS(I);F$(
X,I): IF X+1>=1 THEN PRINT F$(X+1,I): NEXT I
1670 PRINT "Is this the one you","wanted? IN-
PUT (Yes","or (No).": INPUT B: IF B=78 OR B=110
THEN 1610
1680 IF B=89 OR B=121 THEN RETURN
1690 GOTO 1670
1700 GOSUB 50: PRINT "1. Change ";SS;" category
name."; "2. Change ";SS;" file.";P$
1710 X=2 Y=1: GOSUB 9998: HOME: IF A=2
THEN 1750
1720 PRINT "INPUT the @ sign if the category
name is ok.": FOR I=1 TO N: PRINT CS(I): INPUT
B$: IF B$<>"@" THEN 1740
1730 NEXT I: RETURN
1740 CS(I)=BS: NEXT I
1750 INPUT "File # to change=";Z: GOSUB 3000:
INPUT "Name of file to change=";B$
1760 FOR I=1 TO N: IF B$=CS(I) THEN 1780
1765 NEXT I: PRINT "FILE NOT FOUND.": PRINT:
PRINT QS
1770 GET XS: IF XS="" THEN 1770
1775 RETURN
1780 PRINT "Type ";CS(I): INPUT F$(Z,I):RETURN
1800 PRINT "1. Delete entire file & categories.";AT
2.1;"2. Delete all files.";AT 4.1;"3. Delete all categor-
ies.";AT 6.1;"4. Delete one file only.";AT 8.1;"5. Return
to Main Menu." LET X=5: LET Y=1: GOSUB 9998
1810 ON A GOTO 2100, 2200, 2300, 2400
1900 PRINT AT 9.5;"Please INPUT the name";:AT
11.5;"for your file.":INPUT AS
1910 DS=CHR$(4): PRINT DS;"OPEN ";AS: PRINT
DS;"WRITE ";AS: PRINT N: FOR I=0 TO N: PRINT
CS(I);F$(I):NEXT I: HTAB 1: PRINT DS;"CLOSE ";AS:
RETURN
2200 DIM F$(INT(700/N),N): F$(0)=SPC(36):
RETURN
2300 DIM CS(N): RETURN
2400 HOME: INPUT "What is the file #?";I :
F$(I)=F$(0): RETURN
2500 GOTO 20
9998 GET A%: IF VAL(A%)-47<Y% OR
VAL(A%)-47>X% THEN 9998 ELSE RETURN

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