

MERGE

4010 GOSUB (290+CHOI*20)

Sinclair BASIC does not support RENUMBER

This is not supported by the Oric-1, the Commodore 64 and Vic-20, the Lynx, the Dragon 32, and the BBC Micro. Often, however, there will be a way of simulating the MERGE command that a user group or specialist publication may reveal. The Lynx has the command APPEND, which allows you to LOAD one program onto the end of the program in memory: this can replace MERGE provided that the first line number of the program on tape is higher than the last line number of the program in memory.

BBC

The string variable name MODFLDS is not acceptable in BBC BASIC because it begins with the keyword MOD. This name should be changed, therefore, to MDFLDS.

INKEYS

See 'Basic Flavours' page 175.

**OPEN
CLOSE**

See 'Basic Flavours' page 319.

**PRINT
CHRS(12)**

Replace this by CLS, except on the Commodore 64 and Vic-20 — on these machines type PRINT"shitkey+CLRkey", which should cause a reverse-field heart or capital S to appear between the quotes.

**ON...
GOSUB**

In line 4010, ON...GOSUB will cause control to pass to non-existent lines — 310, 330, 350, etc. — which will cause the program to crash. These lines will later be expanded to contain the menu execution subroutines; in the meantime, enter these lines to your program as 'dummies', like this:

```
310 RETURN
330 RETURN
```

and so on.

STR\$

The Lynx does not support this command, so replace line 9080 by:

```
9075 N=SIZE
9077 GOSUB 9500
9080 NDXFLDS(SIZE)=NS
```

and insert this subroutine

```
9500 REM To convert N into NS where N is an
integer
9510 LET NS=""
9520 IF N<0 THEN LET NS=""
9530 N=ABS(N)
9540 X=10
9550 I=1
9560 FOR K=1 TO 8
9570 I=I*X
9580 R=K
9590 IF I>N THEN K=8
9600 NEXT K
9610 FOR K=1 TO R
9620 I=I/X
9630 Z=INT(N/I)
9640 LET N=N-Z*I
9650 NS=NS+CHR$(48+INT(Z))
9660 NEXT K
9670 RETURN
```

```
10 REM 'MAINPG'
20 REM *INITIL*
30 GOSUB 1000
40 REM *GREET*
50 GOSUB 3000
60 REM *CHOOSE*
70 GOSUB 3500
80 REM *EXECUT*
90 GOSUB 4000
100 END
1000 REM *INIT* SUBROUTINE
1010 GOSUB 1100: REM *CREARR* (CREATE ARRAYS) SUBROUTINE
1020 GOSUB 1300: REM *RDINFL* (READ IN FILES) SUBROUTINE
1030 GOSUB 1320: REM *SETFLG* (SET FLAGS) SUBROUTINE
1040 REM
1050 REM
1060 REM
1070 REM
1080 REM
1090 RETURN
1100 REM *CREARR* (CREATE ARRAYS) SUBROUTINE
1110 DIM NAMFLD$(50)
1120 DIM MODFLD$(50)
1130 DIM TYNFLD$(50)
1140 DIM CNTFLD$(50)
1150 DIM TELFLD$(50)
1160 DIM NDXFLD$(50)
1170 REM
1180 REM
1190 REM
1200 REM
1210 LET SIZE = 0
1220 LET RMOD = 0
1230 LET SVED = 0
1240 LET CURR = 0
1250 REM
1260 REM
1270 REM
1280 REM
1290 RETURN
1300 REM *EDINFL* SUBROUTINE -- SEE 'FLAVOURS' BOX
1310 ON ERROR GOTO 1370
1320 OPEN "1",#1,"ADBK.DAT"
1330 FOR L = 1 TO 50
1340 INPUT #1 NAMFLD$(L),STRFLD$(L),TWNFLD$(L),CNTFLD$(L),TELFLD$(L)
1350 NEXT L
1360 CLOSE #1
1370 RETURN
1380 REM DUMMY *SETFLG* ROUTINE
1390 RETURN
3000 REM *GREET* SUBROUTINE
3010 PRINT
3020 PRINT
3030 PRINT
3040 PRINT
3050 PRINT TAB(12);"*WELCOME TO THE*"
3060 PRINT TAB(9);"*HOME COMPUTER COURSE*"
3070 PRINT TAB(5);"*COMPUTERISED ADDRESS BOOK*"
3080 PRINT
3090 PRINT TAB(5);"*(PRESS SPACE-BAR TO CONTINUE)*"
3100 FOR L = 1 TO 1
3110 IF INKEYS <> " " THEN L = 0
3120 NEXT L
3130 PRINT CHRS(12)
3140 RETURN
3500 REM *CROOSE* SUBROUTINE
3510 REM
3520 REM 'CHMENU'
3530 PRINT CHRS(12)
3540 PRINT "SELECT ONE OF THE FOLLOWING"
3550 PRINT
3560 PRINT
3570 PRINT
3580 PRINT "1. FIND RECORD (FROM NAME)"
3590 PRINT "2. FIND NAMES (FROM INCOMPLETE NAME)"
3600 PRINT "3. FIND RECORDS (FROM TOWN)"
3610 PRINT "4. FIND RECORD (FROM INITIAL)"
3620 PRINT "5. LIST ALL RECORDS"
3630 PRINT "6. ADD NEW RECORD"
3640 PRINT "7. CHANGE RECORD"
3650 PRINT "8. DELETE RECORD"
3660 PRINT "9. EXIT & SAVE"
3670 PRINT
3680 PRINT
3690 REM 'INCHOI'
3700 REM
3710 LET L = 0
3720 LET I = 0
3730 FOR L = 1 TO 1
3740 PRINT "ENTER CHOICE (1 - 9)"
3750 FOR I = 1 TO 1
3760 LET AS = INKEYS
3770 IF AS = " " THEN I = 0
3780 NEXT I
3790 LET CHOI = VAL(AS)
3800 IF CHOI < 1 THEN L = 0
3810 IF CHOI > 9 THEN L = 0
3820 NEXT L
3830 RETURN
4000 REM *EXECUT* SUBROUTINE -- SEE 'FLAVOURS' BOX
4010 ON CHOI GOSUB 310,330,350,370,390,410,430,450,470
4020 RETURN
9000 REM *ADDECC* SUBROUTINE
9010 PRINT CHRS(12)
9020 INPUT "ENTER NAME";NAMFLD$(SIZE)
9030 INPUT "ENTER STREET";STRFLD$(SIZE)
9040 INPUT "ENTER TOWN";TWNFLD$(SIZE)
9050 INPUT "ENTER COUNTY";CNTFLD$(SIZE)
9060 INPUT "ENTER TELEPHONE NUMBER";TELFLD$(SIZE)
9070 LET RMOD = 1
9080 LET NDXFLD$(SIZE) = STR$(SIZE)
9090 GOSUB *MODNAM*
9100 RETURN
```