

Exit Conditions: HL = Start address (TOP) of file.
Z Flag:

SET if file not found
RESET if file found

GTXTTB—Get TOP address of file.

Entry Address: 5AE3H *23267*
Entry Conditions: HL = Address of directory entry for file.
Exit Conditions: HL = TOP start address of file

KILASC—Kill a text (.DO) file.

Entry Address: 1FBEH *8126*
Entry Conditions: DE = TOP start address of file
HL = Address of directory entry
Exit Conditions: none

INSCHR—Insert a character in a file.

Entry Address: 6B61H *27489*
Entry Conditions: A = Character to insert
HL = Address at which to insert character.
Exit Conditions: HL = HL + 1
Carry:
SET if out of memory

MAKHOL—Insert a specified number of spaces in a file.

Entry Address: 6B6DH *27501*
Entry Conditions: BC = Number of spaces to insert
HL = address at which to insert spaces.
Exit Conditions: HL and BC are preserved
Carry:
SET if out of memory

MASDEL—Delete specified number of characters.

Entry Address: 6B9FH
Entry Conditions: BC = Number of characters to delete.
HL = Address at which to begin deleting.
Exit Conditions: HL and BC are preserved.

12CBH	CHGET
13DBH	CHSNS
1470H	PNOTAB
14A8H	CTON
14AAH	CTOFF
14B0H	CASIN
14C1H	CSOUT
17E6H	SETSER
190FH	TIME <i>6475</i>
192FH	DATE <i>6447</i>
1962H	DAY <i>6498</i>
1E5EH	PRTLCD
1FBEH	KILASC
220FH	MAKTX
4222H	CRLF
422DH	HOME
4231H	CLS <i>16945</i>
4235H	SETSYS
423AH	RSTSYS
423FH	LOCK
4244H	UNLOCK
4249H	CURSON
424EH	CUOFF
4253H	DELLIN
4258H	INSLIN
425DH	ERAEOL
4269H	ENTREV
426EH	EXTREV
4270H	ESCA
427CH	POSIT
428AH	ERAFNK
42A5H	STDSPF
42A8H	DSPFNK
4644H	INLIN
4B44H	LCD
4B55H	PRTTAB
52BBH	DISC
52D0H	CONN
532DH	DIAL
5797H	MENU <i>22423</i>
5A79H	CLRFLK
5A7CH	STFNK
5A9EH	FNKSB
5AA9H	CHKDC
5AE3H	GTXTTB
5B46H	FUNCTION KEY TABLE <i>23366</i>
6B61H	INSCHR

6B6DH	MAKHOL
6B9FH	MASDEL
6C93H	USED TO INIT FUNCTION KEYS <i>27795</i>
6CD6H	INITIO
6CE0H	IOINIT
6D3FH	PRINTR
6D6DH	RCVX
6D7EH	RV232C
6E0BH	SENSCQ
6E1EH	SENDCS
6E32H	SD232C
6E75H	BAUDST
6EA6H	INZCOM
6ECBH	CLSCOM
6EEFH	CARDET
6F46H	SYNCW
6F5BH	DATAW
6F85H	SYNCR
702AH	DATAR
7242H	KYREAD
7270H	KEYX
7283H	BRKCHK
72C5H	MUSIC
744CH	PLOT
744DH	UNPLOT
F639H	CSRY
F63AH	CSRX
F65BH	Current STAT setting
F962H	DIRTBL
FC93H	FILNAM
FE00H	BEGLCD
FF40H	ENDLCD

Keysort—A Modified Quicksort for the Models II/12

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Keysort performs a quick sort on a user defined array. First the program asks for the number of elements in the array (not more than 100 unless you change the values in the three arrays set up by the DIM statement in line 10). Then it prompts you to enter each element until all the data is entered.

Once the data is entered, the program will query you for the following information the first time the program is run and after each sort.

START COLUMN?
NUMBER CHARACTERS?
START ELEMENT NUMBER?
NUMBER OF ELEMENTS?

```
1 CLEAR 20000
10 DIM SD$(100),SK%(100),ST%(100)
30 '
40 INPUT "NUMBER OF ELEMENTS ";NE%
   : NS% = NE%
50 FOR I% = 1 TO NE%
   : INPUT SD$(I%)
   : SK%(I%) = I%
   : NEXT I%
60 '
70 INPUT "      START COLUMN ";SC%
80 INPUT "  NUMBER CHARACTERS ";NC%
90 INPUT "START ELEMENT NUMBER ";SE%
100 INPUT "  NUMBER OF ELEMENTS ";NE%
110 '
120 GOSUB 10000
130 '

```