

ADOLPH BASSER  
COMPUTING LABORATORY

ILLINOIS CODE C5 (103)  
SILLIAC CODE C5

TITLE            Print Sets of Order Pairs and Their Locations  
TYPE            Special (Post Mortem Checking)  
NUMBER OF WORDS    32  
MEMORY LOCATION    992 - 1023  
TEMPORARY STORAGE   0, 1, 2  
DURATION           Printing Time  
DESCRIPTION        This program will print the contents of  
                     selected groups of ten consecutive locations  
as order pairs preceded by their respective decimal locations.  
Each group is selected by reading in a two digit decimal number.  
After the program has been read in, it will stop. A tape  
containing any of the two-digit decimal numbers, 00, 01, ..., 99  
should then be placed in the reader. (Note: The machine copy  
of the program has at the end of it all of the numbers from 00  
to 99.) When the machine is started again, it will read in  
the first two-digit number and start printing the ten consecutive  
locations and their contents as order pairs beginning with the  
decimal location which is ten times the number read in. The  
machine will then stop (if the black switch is set to "obey").  
If it is started again, it will read in another two digit  
number and repeat the process.

If a location contains merely zeros, its address only will  
be printed. Also, if the right hand order is 00000, only the  
left hand order is printed. Each location, in general, is  
printed out as follows:

2 sexadecimal instruction digits, a space, 3 decimal  
address digits, a space, 2 sexadecimal instruction  
digits, a space, 3 decimal address digits.

If, however, the address has four digits, then the order pair  
is printed out as 2 instruction digits followed immediately by  
the 4 address digits. The space between the instruction digits  
and address digits is omitted.

At the beginning of each group of ten locations to be  
printed, the hundreds digits and the tens digit of the first  
address of the group is printed followed by a carriage return  
and line feed. Thereafter, the order pairs are printed preceded

by only the units digit of their location.

An example of a typical format is

50  
0 L5 003 L4 003  
1 40 003 36 201  
2 82 040 24 512  
3  
4 7L4095 LL4095  
.  
.  
9 26 632

Location 503 contains zero. Location 509 has 00 000 as its right hand order.

CODED BY Polivka and Wheeler,  
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Post Markem Routine C5.

8102840001  
8102840002  
2600000000  
8102840000  
F500140001  
81028403JL

9208581004  
4000000024  
8200481004  
4000100024  
82004L5001  
50000743LJ  
753LJ-5000  
423F919010  
463F992081  
920N2L5003  
40002L3002  
323L919003  
4000192201  
L500282008

100281101-  
753LF40000  
L3000363L2  
L5000263L4  
0618192201  
223L5753LJ  
0602482004  
16028L5001  
L400140001  
323L300028  
L500200014  
263F+L53F9  
L43LL403F9  
L43L200009  
323F8243F0  
0000000000+  
0020N4+000  
0004000001  
922N1243F0