

ADOLPH BASSER

COMPUTING LABORATORYSEXADECIMAL POST-MORTEM - ENG. 3:4

Purpose To print out all, or a selected part, of the contents of the store. A 3-column print is obtained, thus:-

ADDRESS LEFT-HAND ORDER RIGHT-HAND ORDER

for all locations within the range chosen, excepting locations which contain zero - these are bypassed.

Locations Any information originally in locations
Used 000, 001, 002, and 3L2 to 3LL, will be over-written.

Input The Bootstrap input comes to a 24 stop.

EITHER

(1) A Black Switch start will produce a print for all locations from 003 to 3L1 inclusive.

OR

(2) A White Switch start will enable the input of two 3-character sexadecimal addresses, and a print follows for all locations between and including these parameters.

The print ends with a 24 stop, when the process may be repeated, with different parameters, as often as required.

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000	80	028	40	001	
001	80	028	40	002	
002	26	000	00	000	BOOTSTRAP
001	80	028	40	000	
000	F5	001	42	001	
001	80	028	40(3L1)	By 000	
3L2	81	00N	42	3L5	WHITE SWITCH start.
3L3	81	00N	42	3LL	Input two parameters.
3L4	L5	3L5	42	3L5	BLACK SWITCH start.
3L5	42	3L9			
			L3(003)	By 3L2	Test for zero.
3L6	36	3LN			If zero, skip print.
			92	081	
3L7	92	2N1	L5	3L5	
3L8	00	01N	82	00N	
3L9	92	201	L5(003)	By 3L5, 3LL.	3-column print.
3LK	82	014	92	201	
3LS	06	001	82	014	
3LN	L5	3L5	L0	3LL	Test for final address.
3LJ	36	000			If final address, stop.
			F5	3L5	
3LF	22	3L4	00	000	Advance address, and back into loop.
3LL	42	3L9	L3(3L1)	By 3L3	Test word, identifies final address.
000	24	3L4	26	3L2	Exit from Bootstrap.