

Text Out V1_2

Subroutine sends ASCII text at H&L to TTY, until data 000 is found

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Step	Label	Addr	Code	Mnem	Comments
1	TEXTOUT	000	307	LAM	Get ASCII at H,L pointer
2		001	240	NDA	Test it
3		002	053	RTZ	Return if all zeros
4	spaces	003	074	CPI	Check for "spaces"
5		004	075		(no more than 60)
6		005	140	JTC	Skip, no spaces - PRINT
7		006	016		
8		007			
9		010	106	CAL	Call SPACEOUT
10		011	032		
11		012			
12		013	104	JMP	Jump over the next instruction
13		014	021		To INCL
14		015			
15	PRINT	016	106	CAL	Call TTYOUT, print it!
16		017			
17		020			
18	INCL	021	060	INL	Increment L pointer
19		022	110	JFZ	Jump if still on same page TEXTOUT
20		023	000		
21		024			
22		025	050	ICH	Increment H pointer, new page
23		026	053	RTZ	Return, we went way too far
24		027	104	JMP	Keep going TEXTOUT
25		030	000		
26		031			
27	SPACEOUT	032	340	LEA	Set up counter
28	SPOUT	033	106	CAL	Call SPACE, print it!
29		034			
30		035			
31		036	041	DCE	Decrement counter in E
32		037	110	JFZ	Jump if not done SPOUT
33		040	033		
34		041			
35		042	007	RET	Return
36		043			
37		044			
38		045			
39		046			
40		047			
41		050			
42		051			
43		052			
44		053			
45		054			
46		055			
47		056			
48		057			
49		060			
50		061			
51		062			

Prints an ASCII text string, this version will output spaces for any byte w/ octal values less than 075, and will continue until a 000 byte is found.

Has 1 nested subroutine

Highlight is a jump within this routine

Highlight is a jump to a TTYOUT routine

Changes a,d,e,h,l

Requires Tape Punch - Reader V2_21