
SEL PROGRAM LIBRARY

PROGRAM DESCRIPTION

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Catalog No. 300008B

IDENTIFICATION: 810A Octal Dump to ASR 33 Teletype

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ACCEPTED: 5 May 1967

PURPOSE: To provide an octal dump of memory on the ASR 33 teletype.

COMPUTER CONFIGURATION: Any 810A computer with an ASR 33 teletype.

SUBROUTINES REQUIRED: None

STORAGE: Relocatable: requires 66_g locations.

TIMING: N/A

USE: Load the relocatable object tape by means of the 810A Binary Relocatable Loader (Catalog No. 300002A) to the required locations in memory. Load the A register with the first memory location to be dumped and the B register with the final location to be dumped. Start the computer at the relocated start address. The memory is dumped on the teletype 8 words per line with a memory address every line.

METHOD: N/A

0001	00000	00000000	*			
0002	00000	00000000	*	CATALOG NO 300008A		
0003	00000	00000000	*			
0004	00000	00000000	*	TOTAL DUMP IN ADDRESS FOR 810A		
0005	00000	00000000	*			
0006	00000	00000000	*	PROGRAMMER J P DIXON		
0007	00000	00000000	*			
0008	00000	00000000	*	START ADDRESS OF DUMP IN A REGISTER		
0009	00000	00000000	*	FINISH ADDRESS OF DUMP IN B REGISTER		
0010	00000	00000000	*			
0011	00000	00000000	*	KEY AT FIRST LOCATION OF PROGRAM		
0012	00000	00000000	*			
0013	00000	00000000		REL		
0014	00000	00000001	AS33	EQJ	1	
0015	00000	00100000	BEGN	STA	REG	
0016	00001	00000000		IAB		
0017	00002	00100000		SMA	REG	
0018	00003	00100000		AMA	2NE	
0019	00004	00000002		NEG		
0020	00005	00100002		STA	IND3	
0021	00006	12100000	MOR	SPB	CARR	
0022	00007	02100000		LBA	REG	PICK UP START ADDRESS
0023	00010	12100004		SPB	TOUT	
0024	00011	00100101		AMP	AS33,W	OUTPUT ANOTHER SPACE
0025	00012	01100000		LAA	M3	
0026	00013	00100001		STA	LINE	
0027	00014	02300000	MXWD	LBA*	REG	
0028	00015	12100004		SPB	TOUT	
0029	00016	14100000		IMS	REG	
0030	00017	14100002		IMS	IND3	HAVE WE OUTPUT ALL WORDS
0031	00020	11100000		BRU	MEND	NO
0032	00021	00000000		HLT		YES
0033	00022	11100000		BRU	REGN	
0034	00023	14100001	MEND	IMS	LINE	HAVE WE MUST FINISHED LINE
0035	00024	11100014		BRU	MXWD	NO
0036	00025	11100000		BRU	MOR	YES
0037	00026	00000000	*	OUTPUT	CARRIAGE RETURN AND LINE FEED	
0038	00026	00000000	*			
0039	00026	00000001	CARR	***	**	

0040	00027	01100057	LAA	CARL	
0041	00030	00170101	AOP	AS33,W	
0042	00031	00001010	LSL	8	
0043	00032	00170101	AOP	AS33,W	
0044	00033	11300026	BRU*	CARR	
0045	00034	00000000	*		
0046	00034	00000000	*	OUTPUT OF WORD IN B REGISTER TO ASR33 IN OCTAL FORMAT	
0047	00034	00000000	*		
0048	00034	00000000	TOUT	*** **	
0049	00035	01100054	LAA	M5	-5
0050	00035	03100050	STA	CHCT	
0051	00037	00000003	CLA		
0052	00040	00000113	FLL	1	
0053	00041	00001010	LSL	8	
0054	00042	05100063	AMA	L26	
0055	00043	00170101	AOP	AS33,W	
0056	00044	00000313	AGN	FLL	3
0057	00045	00001016	LSL	8	
0058	00046	05100063	AMA	L26	FORM TELETYPE CODE
0059	00047	00170101	AOP	AS33,W	
0060	00050	14100060	IMS	CHCT	HAVE WE OUTPUT 6 CHARACTERS
0061	00051	11100044	BRU	AGN	NO
0062	00052	01100065	LAA	SPAC	
0063	00053	00170101	AOP	AS33,W	OUTPUT SPACE
0064	00054	11300034	BRU*	TOUT	
0065	00055	00000001	REG	BSS	1
0066	00056	00000001	ONE	DATA	1
0067	00057	00106612	CARL	DATA	'106612
0068	00060	00000001	CHCT	BSS	1
0069	00061	00000001	LINE	BSS	1
0070	00062	00000001	IND3	BSS	1
0071	00063	00130000	L26	DATA	'130000
0072	00064	00177773	M5	DATA	-5
0073	00065	00020000	SPAC	DATA	'020000
0074	00066	00177770	M8	DATA	-8
0075	00067	00400000	END		
	AS33	00001			
	BE3V	00000			
	M05	00006			
	NX00	00014			

NEVD	00023
CARR	00026
TUJI	00034
AGV	00044
BEG	00055
ANE	00056
CARL	00057
CHCT	00060
LINE	00061
INDS	00052
L26	00053
MD	00054
SPAC	00055
MB	00056