

Title: "Decimal Interrogator"

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Abstract: Binarize routine and calling sequence for Data Output No 2  
or (2A).

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# DECIMAL INTERROGATOR

L3-62

## FUNCTION:

Binarize routine and calling sequence for Data Output number 2 or 2-A. Useful for debugging purposes.

## SUBROUTINES REQUIRED:

Data Output no. 2 or 2-A.  $\alpha$  and  $\alpha + 1$  of calling sequence of Data Output no. 2 or 2-A must be entered in location 00:24 and 00:25 of this routine.

## OPERATION:

1. Transfer to Lo
2. Type in first address (in decimal) to be interrogated. Press start.
3. Type in NNPP where NN is number of addresses to be interrogated, PP is the "q" of the stored words. Press start.

## OUTPUT:

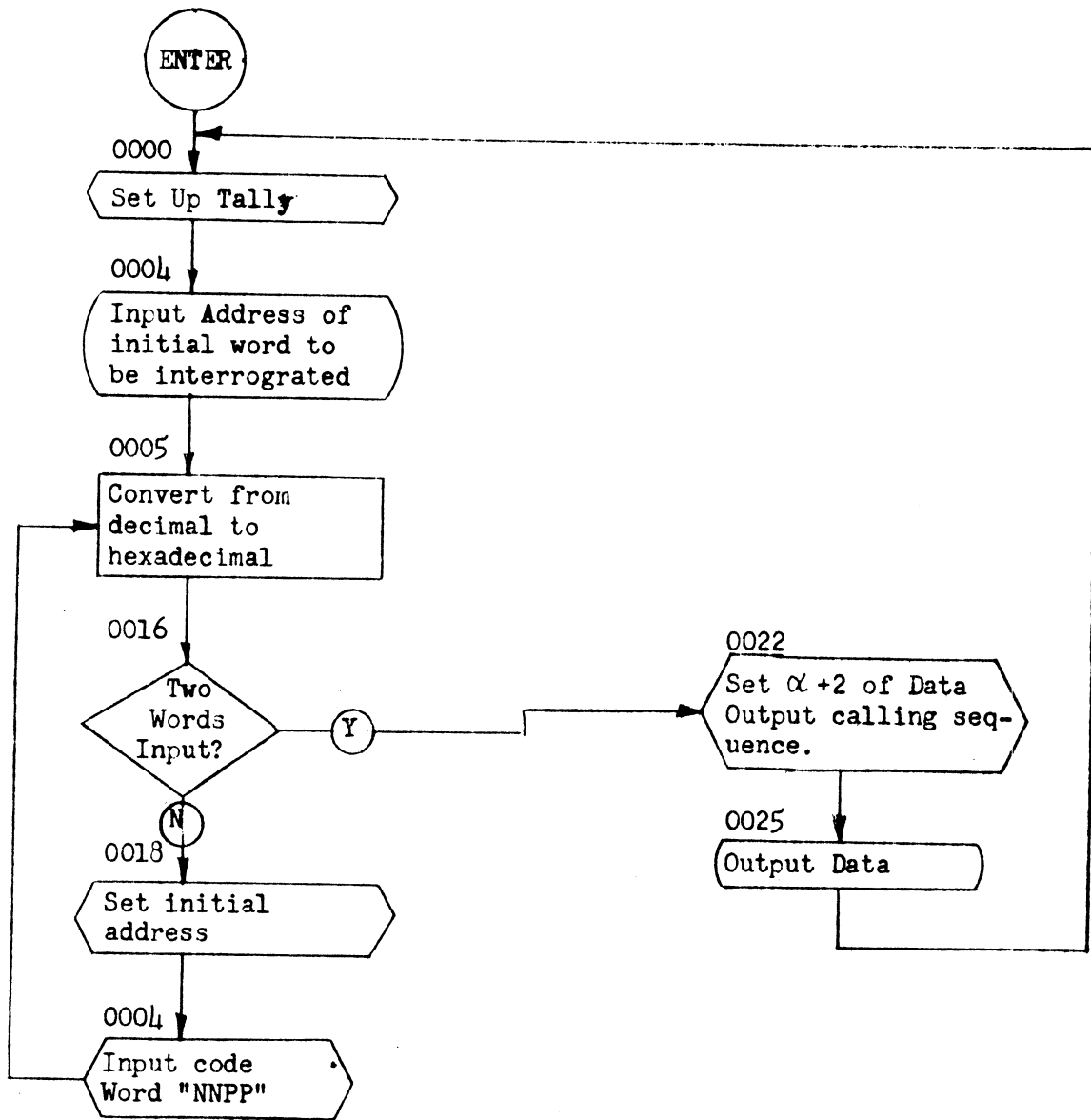
Print out in decimal.

## NOTE:

Routine returns for more instructions after printing.

DECIMAL INTERROGATOR

Flow Chart  
Program L3-62



# LGP-30 CODING SHEET

PREPARED FOR: <b>LGP-30 USERS' ORGANIZATION - POOL</b>			PAGE <b>1</b> OF <b>1</b>
JOB NO.	PROGRAM NO. <b>L3-62</b>	PROGRAM PREPARED BY: <b>Raymond Vachss</b>	PROGRAM CHECKED BY: <b>POOL Review</b>
PROBLEM: <b>"DECIMAL INTERROGATOR"</b>			DATE <b>7/7/60</b>
			TRACK

PROGRAM INPUT CODES	STOP	LOCATION	INSTRUCTION		STOP	CONTENTS OF ADDRESS	NOTES
			OPERATION	ADDRESS			
	/						
	/	⊗					
		00	b	0028		1 @ 29	
		01	s	0028		1 @ 29	
		02	x c	6362		t	
		03	x p	0000	⊗		} Input first address to be interrogated
		04	x i	0000			
		05	n	0028		1 @ 29	
		06	x h	6361			address @ 29
		07	e	0029	⊗	3j3j3j0	
		08	m	0030		k0000000	
		09	x a	6361			
		10	x h	6360			
		11	e	0031	⊗	www00	
		12	m	0032		f0000000	
		13	x a	6360			
		14	x h	6363			
		15	x b	6362	⊗	t	
		16	t	0021			
		17	x b	6363			address
		18	y	0023			
		19	x b	6362	⊗	t	
		20	u	0001			
		21	x b	6363			
		22	y	0026			
		23	b	0000	⊗		
		24	x r x x	005		a	xx is track in
		25	x u x x	000		α + 1	which output #2
		26	z	0000		α + 2	is stored
		27	u	0000	⊗		
		28	x z	0001		1 @ 29	
10000000000000000000		29	3j 3j 3j	0			
		30	k	00000000			
		31	www	000	⊗		
		32	f	0000000	⊗		

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