Program 14.

white a program to convert a BCD no., located at 201FH, into int it's binary equivalent and stoke the health result in 2020H.

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Address	Label	OPCode	6 Perand	Comments
8000	a char	LDA	201Fh	Lood the BCD content into the accumulater
6003	of press	Mov	B,A	Backup the data in register B.
8004		ANI	OFh	And immediate with OFh to get BCD2
8006	-012	MOV	C,A,	move BCD2 into register c.
8007	NO = 23	Mov	A,B	Stom register B
8008	الل تا	ANI	FOL	And immediate with FON to get BCD,
4008	- A .	. 1NZ	SKIP	Jump to SKIP if BCD, is 2 etc.
0008 3008 3008 1108		RRC RRC RRC		Rotate with carry x4 to get BCD1 to the rightmost mibble.
		mov	O, A	register D.
8012		XRA	A	A DA, to int A with

	- 4	in a special		
Admi	Labol	OPCode	6 Parand	Commonts
8013		WAI	E, OAh	initialize register E with oth or (10)
8015	sum	ADD	ا ک	Add value of D (for 10 times) iso A.
8016		DCR	Ε	Declement E.
8017	-07	2M2	Sum	Jump to Sum until E is zoro.
801A	SKIP	da A		Add to accumulated BCD2 Kept in C.
801B		STA	2020h	store the binary equivalent at location 2020h
BOIE	(Light	HLT		Hout
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